

# VIDEO

## BUYERS' GUIDE 1988

### HOW TO BUY A VCR

### FOCUS ON CAMCORDERS

Specs, Features, and  
Prices of VCR's, Camcorders,  
Stereo & Projection TV's,  
Videodisc & CDV Players,  
Videotape, and More





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Deer Park, Deer Park Pro  
Camera  
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Freeport, Cameras Etc.  
Great Neck, Ken-Mar Camera  
Hewlett, Hewlett Camera, Inc.  
Lawrence, La Belle Camera  
Lynbrook, Arnee Dept.  
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Youngstown, Photoeye Film Serv.  
Zanesville, Zanesville Camera

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Center  
Lansdale, Cardinal Camera  
Newtown, The Camera Craft  
Shop  
Pittsburgh, Foto Hut  
Pittsburgh, Cine Photo  
Stroudsburg, Stroudsburg Foto  
York, Camera Ctr. of York

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Video

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Portland, Camera World

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Eden, Sunshine Camera

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Salt Lake City, Gart Brothers  
Salt Lake City, Inkleys

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Longview, Camera Shop  
Seattle, Clyed's Camera Stores

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LOCATIONS

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Madison, Ed Phillips & Sons  
Madison, Camera Co.  
Marinette, Marinette Camera Fair  
Milwaukee, Erlein & Sons  
Racine, Camera World

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# JVC Introduces The Super VHS-C Camcorder. Clear Proof That Smaller Is Better.

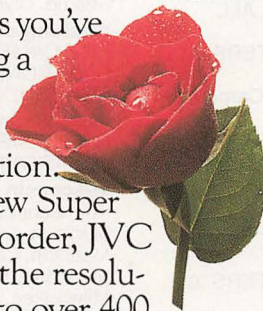
## The Proof Is In The Picture.

After a decade of refinement and perfection, JVC introduces the Super VHS-C camcorder.

For ten years you've been watching a video picture with 230-240 lines of resolution.

With the new Super VHS-C camcorder, JVC has increased the resolution capacity to over 400 lines. This can give you a picture so clear, so sharp, so pure that it's closer to life than

Simulated Picture



home video has ever been before. No other video system is more advanced.

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The JVC Super VHS-C camcorder is extraordinarily well equipped.

It's fully automated with 6:1 two-speed power zoom, auto focus, instant playback, multiple shutter speeds, automatic date record and other features you would usually find only in much larger machines.

Of course, there is a whole line of JVC camcorders with all the innovations you'd expect from **VHS** the people who invented VHS.

The JVC Super VHS-C camcorder. Hold it in the palm of your hand and capture life the way it really is.

We've Made Recorded History. Again.





# VIDEO

## BUYERS' GUIDE 1988

### FEATURES

How to Buy a VCR . . . . .	Warren Berger . . . . .	6
Shoot to Thrill . . . . .	Richard Jaccoma . . . . .	14
Surround Sound . . . . .	Tom Gillett . . . . .	20
A/V Systems . . . . .	William Burton . . . . .	29

### USER'S EVALUATION

Pioneer Projection Foresight . . . . .	Michael Smolen & William Wolfe . . . . .	37
--	--	----

### REVIEWS

Hi-Fi Videos . . . . .	Steve Simels . . . . .	44
------------------------	------------------------	----

### LISTINGS

Videocassette Recorders . . . . .	52
Camcorders & Video Cameras . . . . .	68
Videodisc Players . . . . .	75
Monitor/Receivers . . . . .	76
Projection TV's . . . . .	89
Audio/Video Processors . . . . .	93
Video Speakers . . . . .	98
Accessories . . . . .	100
Videotape . . . . .	111
Audio/Video Systems . . . . .	115
Directory of Manufacturers . . . . .	121
Video Glossary . . . . .	124

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Cover components (from top): JVC GR-C9 camcorder (listing on page 70); Magnavox CDV-474 videodisc player (listing on page 75); Sony SL HF-1000 VCR (listing on page 64); Zenith VRD700HF VCR (listing on page 66); RCA DVM2600 monitor/receiver (listing on page 82).

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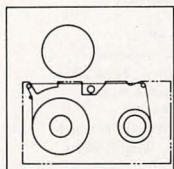


# Why it took a to build a better

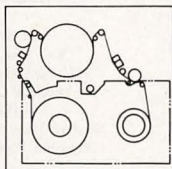


## AKAI'S QUICK START: THE MOST SIGNIFICANT ADVANCEMENT IN TAPE HANDLING SINCE THE VHS CASSETTE.

Today's VHS cassettes may give you eight hours of programs. But today's VHS decks make locating those programs a real bore. That's because conventional decks must slowly thread the tape around the head drum every time you go from Fast Forward or Rewind into Play. And slowly pull the tape back into the cassette whenever you return to Fast Forward or Rewind.



Unloading for conventional VCR



Full-loading for Quick Start

Of course, most VCRs have visible scan. But can you imagine scanning through a two-hour movie? Pass the aspirin.

Akai's exclusive Quick Start system gives you fast, fast, fast relief. For the first time, the VHS tape remains fully threaded—even during Fast Forward and Rewind. So switching between

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Sound great? Seem simple? Wonder why no one ever did it before?

## WHY IT TOOK AKAI TO PERFECT VHS TAPE HANDLING.

Simply stated, Akai has been building tape recorders for over 35 years. And what is a VCR if not a tape recorder? People may forget that it



Akai has over  
35 years of experience building  
tape recorders of all kinds.



# hi-fi company er VCR.



was Akai that built the first home video tape recorder in 1965 and the first lightweight helical-scan portable video tape recorder in 1969. Compared to Akai, even the biggest names in video recording seem like "Johnnies-come-lately."

To invent Quick Start, Akai invented a completely new tape transport with better tape tension control, more precise guide poles and specially conductive fine ceramic tape guides. The entire transport is under the intelligent control of a micro-processor that only years of tape deck experience could develop. The Akai Quick Start Transport. Sure it's simple... when you know how.

## AT AKAI, SOPHISTICATION MEANS SIMPLICITY.

Akai, a leader in on-screen programming, now takes ease-of-operation one step further. On our new decks, most programming functions require no more than one touch. Nothing *could* be simpler.

Or more sophisticated. Take Akai's new top-of-the-line VS-M930U-B. It offers digital special effects with memory; VHS Hi-Fi stereo; four heads; HQ circuitry with CCD noise reduction; editing; universal wireless remote control with LCD readout; on-screen programming and naturally, Akai's Quick Start system with Index and Address Search, as well as Intro Scan. Not just bells and whistles, but features any serious recordist would deem essential.

Akai. Original thinking from a true original.



Universal Wireless Remote is programmable independently of the VCR. You can "download" programmed information.

# AKAI

Where audio and video are one.



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# HOW TO BUY A VCR

*A shopper's guide to the latest  
innovations and improvements*

*by Warren Berger*

• • • • •

SOME things become simpler with the passage of time, but buying a VCR isn't one of them. Each year new features and formats become available, while the "old" ones—meaning last year's models—hold their ground.

Take 1987, for example. Early in the year, the buzz word in the VCR business was "digital," referring to recorders that incorporated digital processing to produce special effects. By mid-year, however, the spotlight had shifted to Super VHS, a new format that boasts the best picture quality ever produced by VCR's. And all the while, there was continued talk about the 8-millimeter format.

To the consumer standing on the sidelines, poised to buy, this ongoing technological bustle can be confusing, even intimidating. Still, the task of selecting the right VCR can be simplified. To do that, you must sort through the buzz words, tune out all of the talk about obsolescence, and get to the heart of the matter: finding a VCR that best suits your tastes, needs, and budget.

You may know what your budget is, but do you really know what you want or need from a VCR? If your primary concern involves getting your hands on every movie ever taped, choose your format carefully—you don't want to find out too late that *Casablanca* isn't available for your machine. If you're an audiophile, you'll have to pay special attention to VCR sound quality. On the other hand, if a picture's worth a

PHOTO BY IRVIN BLITZ











Among the digital special effects offered by Sharp's VC-D800U VHS VCR are channel search, picture in-picture (PIP), still frame, and digital strobe. Price: \$600.



General Electric's 9-7715 VHS VCR features four heads for producing stable special effects, on-screen programming, and a forty-one function wireless remote. Price: \$400.

Previous page: The Akai-VS-33U-B VHS Hi-Fi VCR has random-access digital coding and a Quick Start mechanism to go from stop to play in 1½ seconds. Price: \$449.

thousand bucks to you, you'll want to consider state-of-the-art picture quality. Finally, if you want it all and want it easy, special effects and convenience features will be important.

## Formats

The format issue may be the one that most worries consumers. Many first-generation VCR buyers "got stuck" with Beta, a format that performed well but suffered from a lack of software support as VHS became dominant. Now, as the new 8mm and Super VHS formats come to the forefront, consumers are once again wondering who'll be left without tapes to play on their new machines.

The first thing to know is that Super VHS, or S-VHS, is for the most part compatible with the VHS format. Standard VHS tapes, whether they are recorded at home or rented from the local video store, can be played on an S-VHS machine. The reverse is not true, however—S-VHS tapes won't play on a standard VHS deck. So if you opt for a regular VHS machine now, you can always step up to S-VHS later without having to throw out your tape collection. Given that fact, S-VHS can be categorized more as a refinement of an existing format than as a new one.

Consumers looking for a safe bet in terms of tape availability should choose VHS. This format is solidly entrenched at the video-software retail level—many dealers carry only VHS, and that's not going to change anytime soon. While more titles are becoming available on 8mm, it's slow going. As for Beta, don't expect any improvement in software supply.

Setting the software issue aside, the Beta and 8mm formats have qualities worth mentioning. 8mm may yet become the shining star of the video industry because of the advantages the format offers to camcorder users: compactness, portability, and performance. Perhaps the most notable feature of the better 8mm VCR's is their digital audio recording capability: Some of them can record up to twenty-four hours of music on a single cassette with sound quality close to that of compact disc.

Beta, meanwhile, has always been lauded for its picture quality, generally agreed to be slightly better than that of standard VHS. Various incarnations of the SuperBeta subformat have long been king of the picture-quality hill, although S-VHS now claims the title. Beta's software problems have also forced Sony to offer



some very competitive packages in Beta machines. Chances are you'll get a better feature-per-dollar value in this format, if you can live with the shortage of tapes.

## Picture Quality

Prior to the advent of Super VHS, differences in picture quality among the various VCR's were not very significant. Most VCR's offered about 240 lines of horizontal resolution, and there wasn't much to discuss beyond that. Picture improvements that gradually came along were subtle: SuperBeta and VHS HQ (for High Quality) enhanced picture quality by about 20 percent. Still, the average viewer was hard put to discern a difference.

JVC changed all of that when the company introduced S-VHS to the U.S. market. By boosting the luminance (contrast) video signal on S-VHS machines, a dramatic increase in horizontal resolution was achieved—from 240 lines to 400-plus lines. The difference is immediately apparent to any viewer: Colors are more vivid, details more defined.

While S-VHS would appear to be the format of the future—according to one industry survey it will account for the majority of the VCR market within the next five years—there are reasons to stop and think before making the S-VHS purchase. First and foremost is the cost: The first generation of S-VHS machines, bearing several different brand names, have suggested retail prices of over \$1,000—some cost as much as \$1,500. If there is anything to be learned from the history of VCR's, it is that first-generation product is always priced high, and often drops quickly in the ensuing years. So if you need a VCR and have a limited budget, S-VHS will probably be out of the picture.

Meanwhile, there is no word yet on the availability of prerecorded S-VHS tapes. That's not too much of a reason for concern, however, since you can play regular VHS tapes on an S-VHS machine. But to really appreciate the machine's enhanced picture capabilities, special S-VHS software is needed. S-VHS blank tapes are available, which means you can make your own high-quality recordings—but keep in mind that those blank tapes are also first-generation products and cost three times as much as standard VHS tapes.

Finally, in calculating the cost of opting for an S-VHS unit, keep in mind that this type of VCR is at its



*Geared toward the audiophile, Toshiba's DX-900 VHS Hi-Fi VCR employs PCM (pulse-code modulation) for digital audio rivaling that of the compact disc. Price: \$1,300.*



*The Samsung VR6600F VHS Hi-Fi VCR incorporates an MTS (multichannel television sound) decoder for picking up stereo-TV signals through the VCR's tuner. Price: \$650.*



*Panasonic's PV-4761 VHS Hi-Fi VCR features bar-code programming with an on-screen display to insure accuracy, along with index/address search systems. Price: \$850.*



best only when matched with a high-quality TV or monitor that offers at least 400 lines of resolution and is equipped with special inputs for the S-VHS recorder. These TV sets also run in the \$1,000-plus range.

If your budget requires that you settle for more ordinary picture performance, look for HQ enhancement on any VHS machine you buy. Even low-end machines now include HQ circuitry to slightly enhance definition and sharpness. Keep in mind, however, that not all HQ VCR's are equal in terms of picture quality; some machines have two enhancement circuits, while others have four. Sometimes the only way to distinguish full-HQ from partial-HQ is to perform an in-store comparison.

### *Sound Quality*

Considering sound quality on VCR's ought to be a simple matter, but it isn't. The video manufacturers created confusion among consumers first by introducing "stereo" VCR's, then following that up with "hi-fi" VCR's that offered vastly improved sound. The superiority of hi-fi units very nearly pushed linear-stereo models off the market—but not quite. Stereo units are still being sold at retail, and dollar-conscious consumers can pick them up for at least \$100 less than hi-fi machines. But anyone serious about sound should pass by stereo and proceed to hi-fi. Incidentally, one of the bonuses of hi-fi decks is that they can double as top-quality audio tape recorders. The sound quality of hi-fi VCR's is better than that of most audio decks, and you can use one to record up to eight hours of music on one cassette.

**V**CR's with built-in PCM (pulse-code modulation) offer significant improvement in such areas as total harmonic distortion, wow-and-flutter, and signal-to-noise ratio. As good as 8mm decks with PCM audio are, Toshiba's DX-900 offers the best of all worlds. By incorporating PCM recording capabilities in a VHS Hi-Fi machine, Toshiba offers consumers sound quality previously found only on 8mm decks—without the concern over software availability. The DX-900 carries a stiff price tag of \$1,300, but it also packs in features.

Whether you're opting for decks with PCM, hi-fi, or linear stereo, make sure the VCR has a built-in MTS (multichannel television sound) decoder. The decoder will allow you to

receive stereo TV signals through your VCR's tuner. By running a few cables from your VCR to your stereo system, you can pick up stereo television signals and play them through your audio system—without having to buy a stereo TV.

For those who want powerful sound from their video systems without having to connect them to stereo systems, there are some VCR's on the market with built-in stereo amplifiers. These VCR's pack a wallop—up to 25 watts per channel—and are especially ideal for setting up a quality-sound audio/video system in a small room. (Large rooms may require more than 25 watts per channel.)

### *Extras*

To some, special effects are nothing but frivolous "bells and whistles"; to others, they are important because they allow the VCR owner to control and manipulate the video experience. When considering special effects, the subject of video heads becomes important. A four-head VCR is superior to a two-head model primarily due to its ability to produce better special effects such as freeze-frame, slow motion, and forward and reverse scan. While these effects *are* available on two-head machines, they're essentially ruined by video noise, or "snow."

The only other advantage a four-head machine has over one with two heads is the slightly better picture quality you get when recording tapes at the slow extended-play or super-long-play (EP/SLP) speed. When it comes to playing prerecorded movies or recording your own tapes at the fast standard-play (SP) speed, a two-head VCR does just fine.

Before choosing between a two-head and four-head machine, consider whether you're likely to get much use out of the special effects. While you may not have much call to freeze pictures, you might grow fond of a four-head's superior scanning capability. This allows you to zip at high speed through commercials on programs you've recorded or through boring parts of rented tapes and still see the picture, and it also allows you to go back easily to replay a section.

If you are interested in more elaborate special effects—including picture-in-picture (PIP), off-the-air TV freeze, and strobe or mosaic effects—you'll find them available only in the new crop of digital VCR's. While these machines don't actually record digitally, they do use digital circuitry to enhance or alter images during

playback. In some cases, they also offer digital video noise reduction.

**C**onvenience features, as their name implies, are designed to make a VCR easier to use. The most basic convenience feature is, of course, wireless remote control. A good remote should control all basic VCR functions, including stop, play, rewind, fast forward, pause, and record. Beyond that, look for a remote that changes the TV channels on the VCR tuner. (If you don't already have a remote for your TV set, this practically amounts to getting a \$100 TV feature free.)

If you want to know about the benefits of remote-controlled, on-screen programmability, ask anyone who has spent a lot of time hunched over a VCR control panel with tiny, poorly marked programming buttons. On-screen programming simplifies the function that is the least understood by VCR owners.

Some frills have been added in the area of programming, including a bar-code system from Panasonic and a light-pen system from Toshiba. Both are designed to simplify the process of programming even further, though neither seems all that necessary: The key feature to look for is on-screen programming.

### *Budget*

Now that you've examined the options in the preceding categories, all that remains is to examine your budget and see what you can afford. If you've budgeted \$200 to \$350, you're shopping at the low end of the market, where picture and sound quality are basic and special effects are limited. The best plan is to shop for the lowest price and the longest warranty protection from a brand name you feel comfortable with. The middle-of-the-road shopper (\$350 to \$500) has more choices to make. At this level, you can get the superior special effects that come with four-head VCR's, and you may be able to get a VCR with hi-fi circuitry. If you are willing to spend from \$600 to \$1,000 or more, consider the best from each category: S-VHS for the best picture, a digital VCR for the best special effects, or a PCM unit for the best sound.

Regardless of your budget, try to make most of your decisions about format, quality, and features before you go into the store. That way you'll get the machine you want, rather than the one the salesman would like to sell. □





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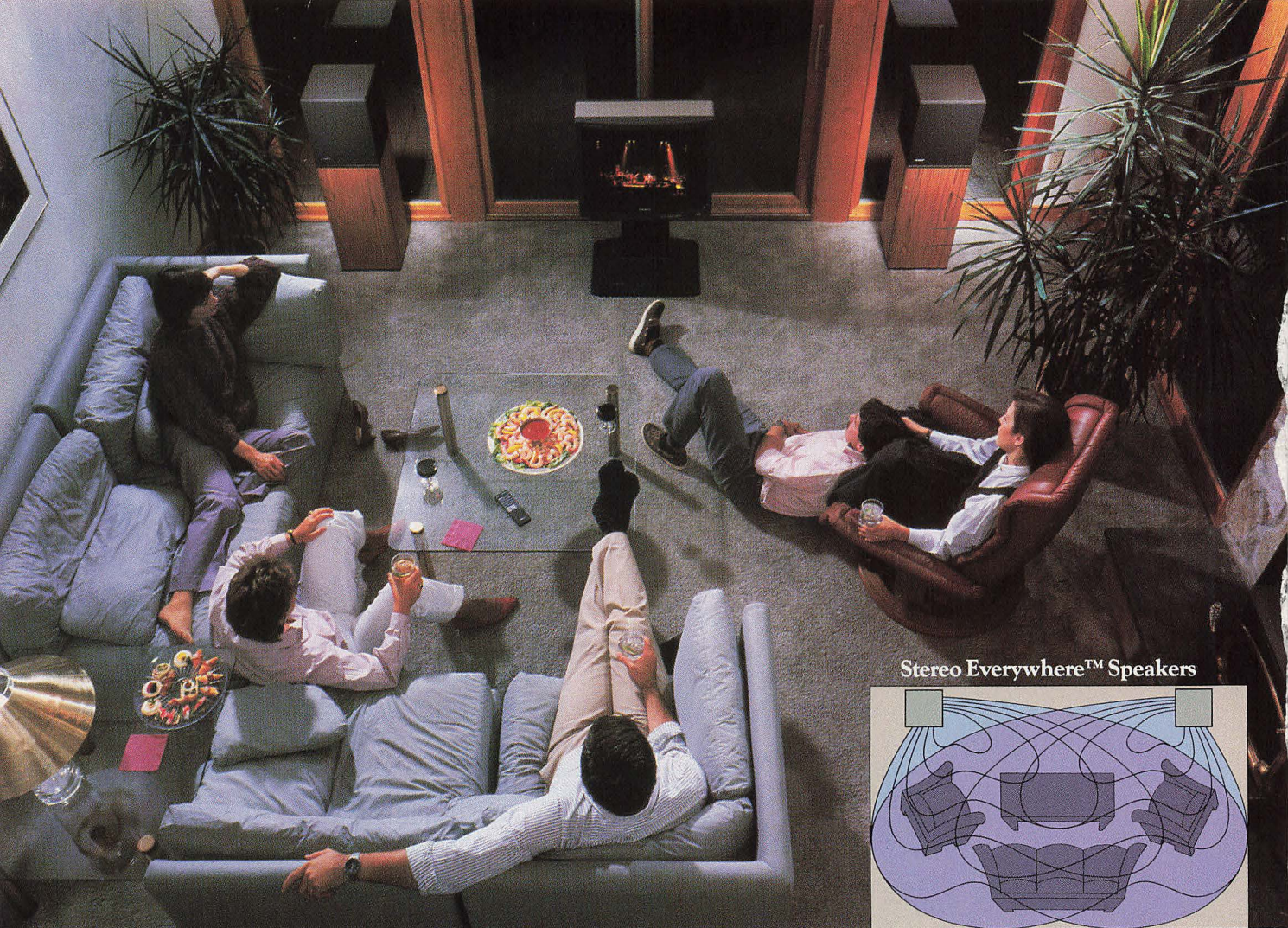
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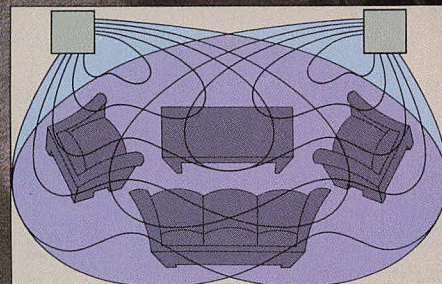
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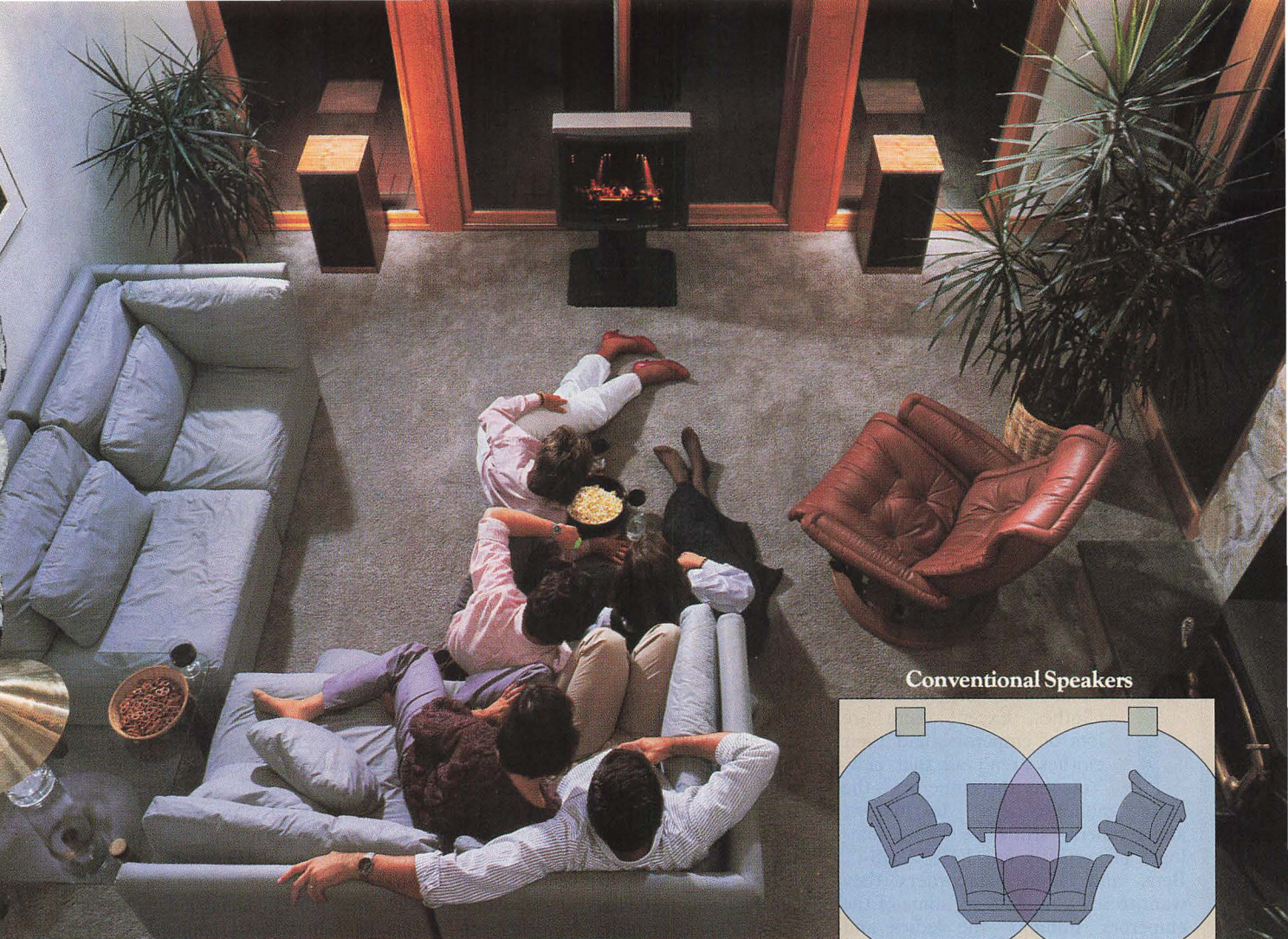
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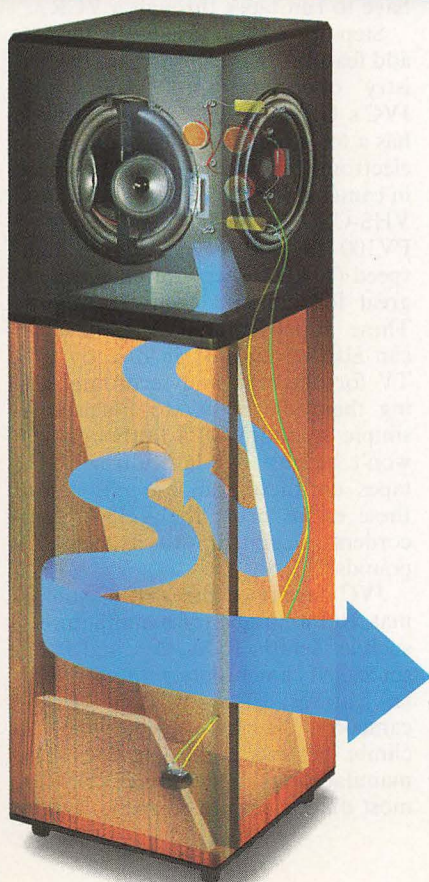
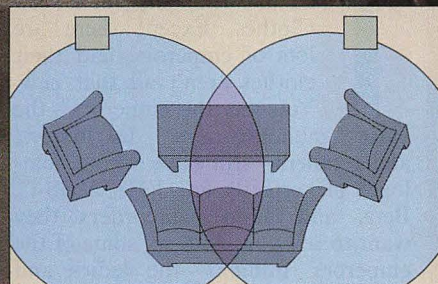
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Conventional Speakers



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# Shoot to THRILL

*Today's camcorders are easier to use than ever, and a revolutionary new format provides the excitement of professional-quality home video—by Richard Jaccoma*

**I**t's like the Emperor's New Clothes. Except there are lots of emperors, and their clothes aren't all that new. You see, the emperors—the video manufacturers, distributors, and retailers—still have whole boatloads of perfectly fine VHS, VHS-C, Beta, and 8mm camcorders they want to sell you. And so, some of the emperors' minions—the ladies and gentlemen of the video trade press—are maintaining the polite fiction that said camcorders look simply marvelous, that there is still a whole set of truly important reasons for you to buy a machine in one or another of those formats.

Don't believe them.

Quietly—so quietly that few people have yet to grasp its full significance—a new video revolution has just begun. The nature of home-video shooting is about to be radically transformed.

Of course there *are* considerations that might still cause you to choose a VHS, VHS-C, Beta, or 8mm camcorder. Price, for instance: If rock-bottom price is what you're after, shop the sales, and make sure the unit you select is miles below the manufacturer's suggested retail.

Or size and weight: If ultralightness—meaning less than 2 pounds—is of paramount importance to you, then you may want to choose a no-frills VHS-C or 8mm machine.

Or, most significantly of all, audio quality: Although for the most part audio-for-video has simply not kept up with advances in other areas of

camcorder performance, you can buy a standard, full-size VHS camcorder that offers superb VHS Hi-Fi recording, or even an 8mm machine with solid AFM (audio frequency modulation) sound—monaural, but good—or great PCM (pulse-code modulation) sound.

But if you want the very finest in camcorders, you'll have to choose a Super VHS camcorder. No other currently available home camcorder format approaches S-VHS in the single most important attribute of any video machine: picture quality. Pure and simple.

## *Down to Basics*

Camcorders just may be the embodiment of Andy Warhol's visionary (or nightmarish) pronouncement that in the brave new technological future, everyone will be famous for fifteen minutes. Stepping behind a camcorder gives most people the heady thrill of being a Hollywood director. And if you've ever observed the spectrum of behavior from embarrassment to giggly shyness to blatant hamminess with which most people react to being videotaped, you know that a majority of our TV generation perceives the experience as a kind of secular canonization.

The lightest, most stripped-down of the camcorders provide this cheap thrill of instant immortality in its most basic form. If Super VHS is the champagne of camcorders, then the no-frills VHS-C and 8mm models are the ethyl alcohol.

Compact VHS-C models such as

JVC's GR-C9 (\$999) and 8mm units like Sony's CCD-M7U (\$1,450) both use (different) miniature cassettes, weigh under 2 pounds, and fit in the palm of a medium-size hand. Both are marvels of miniaturization and engineering masterpieces. But they are only basic, PHD (push-here-dummy) machines, with optical viewfinders, fixed lenses, no autofocus, and no playback-in-camera capability—you have to run tapes through a VCR.

Step-up models in both formats add features that can increase the artistry of your taped productions. JVC's GR-C7 (\$1,399), for example, has a 6× power zoom lens, autofocus, electronic viewfinder, and playback in camera. Some of the fuller-featured VHS-C's, such as the Panasonic PV100 (\$1,600), even add a high-speed (1/1,000 sec.) shutter setting—great for taping all sorts of sports. These fuller-featured VHS-C units can also be plugged in directly to a TV for playback and recording, giving them the ability to function as simple second VCR's (although you won't be able to play full-size VHS tapes on these camcorders). All of these extras bring the VHS-C camcorders' weight up to a mere 2.9 pounds.

JVC developed the VHS-C subformat. But a number of manufacturers, such as Zenith, RCA, GE, and Panasonic, sell camcorders with very similar features. If this is as far up the camcorder ladder as you want to climb, be aware that among these manufacturers' step-up VHS-C's, most differences are cosmetic. Ignore







sales hype and base your final choice largely on price.

## Sound Effects

Standard 8mm camcorders employ AFM to produce audio superior to that of most VHS units, even though AFM is the system used for VHS Hi-Fi VCR's designed for the home. Its specs are excellent—a frequency response of 20 to 20,000 Hz, a dynamic range near 80 dB, and a signal-to-noise ratio of about 70 dB. Note that 8mm's AFM is *monaural*.

Most VHS camcorders, both full-size and compact, also remain monaural—with the exception of machines like the Zenith VM7100 (\$1,795). This model offers VHS Hi-Fi in the record mode, making it an excellent choice for users who want to record musical performances—or any event in which high-quality audio is at least as important as the video image.

Some 8mm separates (modular camera/playback units) such as Sony's EV-S7000U (\$1,395) offer PCM (pulse-code modulation) audio. This digital recording technique produces sound quality approaching that of the compact disc and allows 8mm units to double as relatively high-quality audio-only recorders. But the frequency range (5 to 14,000 Hz) has been artificially limited at the high end, possibly to avoid competition with—and the legal troubles of—DAT (digital audio tape), making 8mm PCM something of a mixed blessing.

## Full Size, More Features

Americans are supposed to have a fetish for miniaturization in our electronic gear—at least manufacturers of both VHS-C and 8mm units pin their hopes on that hypothesis. But it hasn't yet been proven out by camcorder sales statistics: Full-size VHS is by far the most popular camcorder format to date.

And for good reason. The full-size units may be a bit bulkier than their smaller brethren and about twice as heavy, but the average weight of a full-size machine is still only a little over 6 pounds—hardly backbreaking. And for that extra weight you can get full VHS compatibility and a range of features missing from many of the smaller camcorders.

First, all such units use regular VHS tapes and have full playback-in-camera capability. That means they can double as fully functional second VCR's, allowing you to play or dub



*The Minolta Master Series-C 3300 VHS-C camcorder incorporates a multi-dimensional autofocus system and a built-in 6× power-zoom lens. Price: \$1,915.*

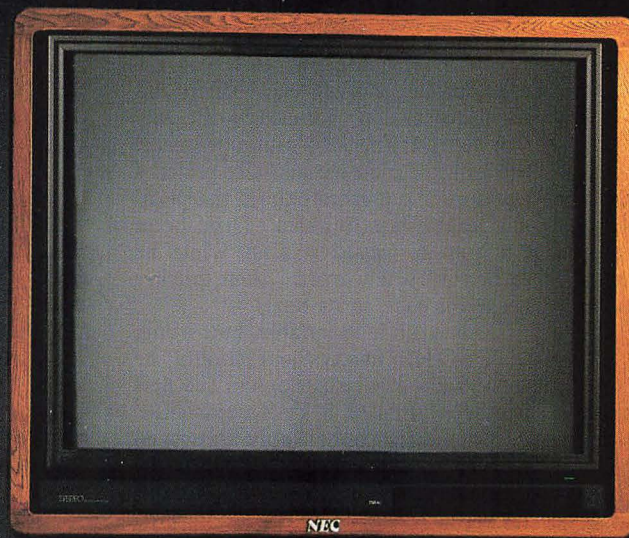


*In addition to S-VHS performance, Quasar's VM-52AC S-VHS camcorder has a high-speed shutter, index/address search, and 7-lux sensitivity. Price: \$1,800.*



*Weighing only 2.6 pounds, the Olympus VX-80 8mm camcorder packs in features such as an electronic high-speed shutter, 1/2-inch CCD image sensor, and autofocus. Price: \$1,750.*





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prerecorded cassettes as well as home tapes. Many have other extra features too. The Sharp VC-C20UA (\$1,800), for example, has VHS Hi-Fi (like the Zenith), audio-dubbing and video-insert capabilities, and VHS HQ.

Of the four older video formats, VHS and VHS-C have the most to recommend them. Video specs are about the same for all. But full-size VHS camcorders have the added benefit of compatibility with the virtually ubiquitous VHS VCR's. This means you can play your tapes back on your home VHS machine; even the smaller VHS-C tapes can be played back on any VHS deck, but only when they are put inside an adaptor.

**C**amcorders in the 8mm format, of course, don't offer you this option. And recent developments such as S-VHS-C—producing superb pictures in a smaller package—will probably give 8mm even less reason for being. Add the fact that there are as yet very few prerecorded films available on 8mm, and there is a very real danger that the format will soon go the way of any number of now-extinct video species whose names (remember CED?) have largely been forgotten.

Unfortunately, the same can be said for both Beta and its improvements, SuperBeta and Super Hi-Band Beta. (SuperBeta is compatible with all but the oldest Beta machines; Hi-Band is only compatible with SuperBeta.) SuperBeta machines, such as Sony's BMC-660K (\$1,495), offer 20 percent better picture resolution compared to standard Beta and VHS units—an impressive advance, but not when compared to Super VHS. And Beta as a format has not proven attractive to American camcorder buyers. Let the buyer beware—or better yet, not buy. (An additional note: Sony has announced the development of ED Beta, a camcorder/VCR format producing 500 lines of resolution. As of this writing, Sony has *not* announced any plans to market ED Beta in the United States.)

Last spring, JVC announced Super VHS as an important new improvement in the VHS format. Standard VHS and Beta both produce pictures with about 240 to 250 lines of horizontal resolution; broadcast and cable pictures are delivered with about 330 lines at best. Super VHS, however, is capable of recording and playing back images in the 430-line range—specs similar to broadcast-quality professional gear. JVC was justifiably

proud of its engineers' accomplishment. That company and the numerous others that hopped on the S-VHS bandwagon proudly unveiled the new Super VHS VCR's with predictable fanfare.

But those companies that also announced Super VHS camcorders did so in a casual, oh-and-by-the-way manner. (At the JVC announcement, for example, an exec actually pulled a camcorder out from behind the podium in the last minutes of the press conference, waved it aloft while he rattled off a few words, then quickly tucked it back in its box.)

It was understandable but ironic that S-VHS camcorders should be treated like poor relations in the first heady months of S-VHS's existence. After all, the remarkably improved picture quality of S-VHS could be displayed to best advantage on carefully prerecorded tapes in a full-featured VCR; in addition, manufacturers are more eager to bite off a piece of the huge VCR market than they are to share in the relatively small camcorder trade. But the irony is that the months ahead will prove that Super VHS is essentially a *camcorder* format.

A review of the S-VHS picture specs mentioned above points to an interesting problem: S-VHS will give you better results recording from just about any source, but neither cable nor broadcast signals approach the horizontal resolution of which S-VHS is capable. And it will be some time before prerecorded S-VHS tapes become available.

So, if you want to see S-VHS in all its glory, you'll have to produce your own tapes. In a VCR, S-VHS is just an interesting add-on feature for the future. But built into a camcorder, it transforms the unit into the most powerful video-production tool available for the home market.

S-VHS has two distinct camcorder incarnations: full-size and compact units. RCA's S-VHS-C unit, the CPR 175 (\$1,500) for example, weighs about the same as the company's regular VHS-C camcorder (2.9 pounds) but adds a variable high-speed shutter. It also features a 6× power zoom; automatic focus, iris, and white balance; and low-light sensitivity of 7 lux. Sharp's VL-C77UA (at this writing its price is given only as “under \$2,000”) has a similar range of features, as do S-VHS-C models from JVC and Panasonic.

All S-VHS camcorders automatically recognize whether they've been

fed a standard VHS or an S-VHS tape. All can also record in the normal VHS mode—an important feature if you want to shoot a tape that can be played on a regular VHS deck. And if you want to make a standard VHS version of an already-produced S-VHS tape, the new format affords dubs down through several generations with little or no signal loss.

**A**s with standard VHS, full-size S-VHS camcorders offer a wider range of features than compacts, along with more complete compatibility. JVC's GF-S1000HU (price not available at this writing), for example, uses a 2/3-inch CCD imager instead of the 1/2-inch CCD common to S-VHS-C models. This allows for horizontal resolution of 450 lines, and it has a variable-speed shutter and a dual-speed zoom.

By far the most impressive camcorder we've seen is the Panasonic PV-S350. It weighs about 6½ pounds (a little pudgier than other full-size units), and its price tag of \$2,400 is a bit bloated too. But the PV-S350's array of features is astounding. It starts with the ordinary—switchability between S-VHS and VHS, a 1/1,000 high-speed shutter, HQ, and SP and SLP recording/playback. Then it adds flying erase heads (important for producing glitch-free edits, and once found only on 8mm units). And in “gain up” mode, the PV-S350 can record in light conditions approaching an unprecedented 1 lux.

The PV-S350 also has an exceptionally high zoom ratio of 8:1 (f1.2) and, most impressively, a wide range of digital special effects. A still frame stored in memory can be mixed with a live scene being taped, to produce two types of “wipe”—one in which the live image seems to slide over and finally replace the frozen frame and another in which the live image blooms out from center screen. Digital processing can also produce a number of dual-image effects, such as superimpositions and moving or still picture-in-picture (PIP).

The PV-S350 is hefty for a camcorder, but tiny for what it most resembles—a portable, miniaturized video production facility. S-VHS is state-of-the-art home video, and this is a state-of-the-art camcorder. All in all, it is the perfect showcase for high-quality S-VHS performance—much more so than a mere VCR. In that sense, it may point to the destiny of the entire format: S-VHS is nice in a VCR, but *great* in a camcorder. □





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# SURROUND SOUND

BY TOM GILLETT

**R**EMEMBER Cinerama? In the early 1950's, television kept moviegoers away in droves. So, along with innovations like 3-D, Hollywood came up with Cinerama. Three projectors provided a wraparound image that extended to the audience's peripheral vision. Meanwhile, seven soundtracks, two off-screen, surrounded the audience with sound. Later, on a more modest scale, CinemaScope and Todd-AO combined single-projection, wide-screen images with three up-front sound channels and a single surround-sound channel. Movies like *El Cid*, *Exodus*, and *Lawrence of Arabia* were filmed with surround sound. But by the early 1960's, Hollywood, and the public, had lost interest.

Ten years later, in the early 1970's, it was the audio industry's turn to discover surround sound. It was called quadraphonic sound, or quad, and it never caught on. Three competing quadraphonic systems confused consumers, demonstrations and many recordings were gimmicky, and the quad decoders of the day were easily overloaded, resulting in distortion and diminished dynamic range. The so-called "logic" circuitry that made the decoders work also introduced audible anomalies such as "pumping" and "breathing" (when soft passages get

louder, background noise and all). Audio purists tuned out.

But there were confirmed quadraphiles who grasped the proper function of quad: to provide ambience. They stuck with the system, using decoders to synthesize four channels from two. Time-delay units became, briefly, the rage—providing another way to synthesize surround sound, by delaying the front channels for a few milliseconds before sending them to the rear. Meanwhile, Hollywood hadn't forgotten Cinerama.

## *Enter Dolby Labs*

About fifteen years ago, Dolby Laboratories and Hollywood teamed up, and the studios began to use Dolby A noise reduction for (mostly mono) film tracks. With a Hollywood connection established, Dolby turned to the development of surround sound. The first major movie to use what is now called Dolby Stereo or Dolby Surround was *Star Wars* in 1976. To date, nearly a thousand movies have been made in Dolby Stereo, and seldom, now, is a major motion picture made without some form of surround sound.

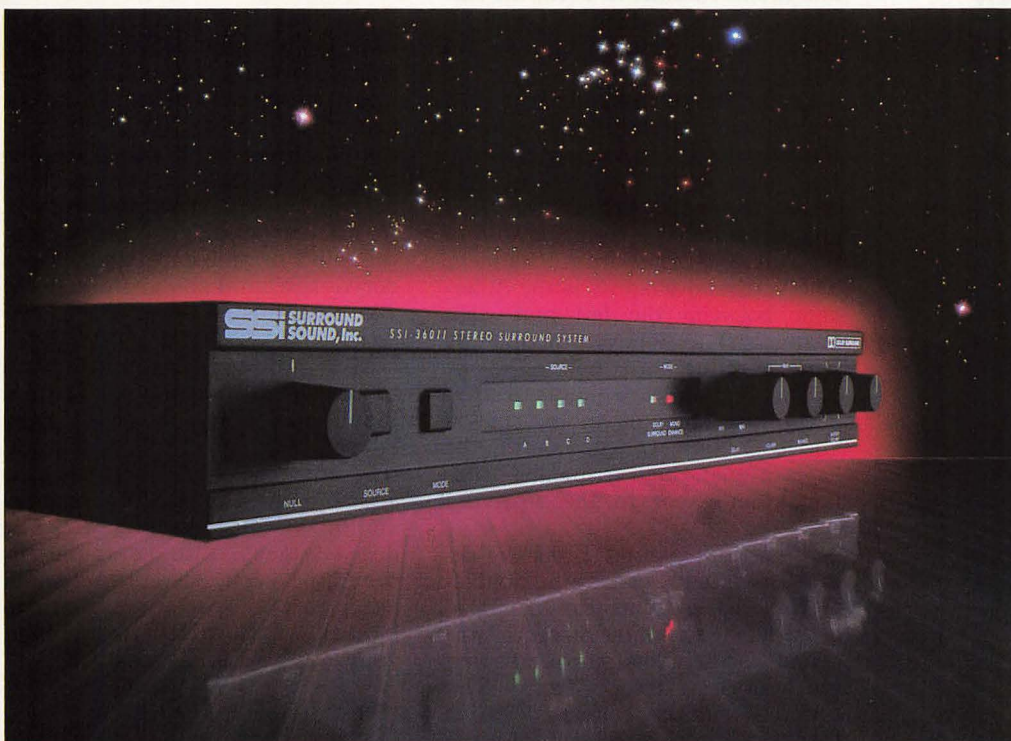
At roughly the same time that Dolby and Hollywood were pioneering movie surround sound, home videotaping was starting to catch on, although stereo sound for

ILLUSTRATION BY MARK FALLS





THE SHURE HTS-5000 DECODES DOLBY SURROUND INFORMATION AND PRODUCES SIMULATED SURROUND SOUND FROM BOTH MONO AND STEREO SOURCES WHILE PROVIDING UP TO SIX CHANNELS OF AUDIO OUTPUT. IT ALSO FEATURES REMOTE CONTROL. PRICE: \$749.



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# A

## DDING SURROUND SOUND TO YOUR AUDIO/VIDEO SYSTEM CAN BE VERY EASY AND EVEN RELATIVELY INEXPENSIVE.



the home video formats was slow to arrive. Owners of quadraphonic decoders quickly discovered that the same Dolby Surround channel that is optically encoded on motion-picture prints is transferred to stereo videocassettes and videodiscs. All you needed was a stereo VCR or videodisc player, a quad decoder, an extra stereo amplifier, and another pair of speakers.

Equipment manufacturers also were quick to see the light. New surround-sound processors were developed specifically for Dolby Surround. Now, there is quite an array of surround-sound decoders and simulators available, and adding one to your existing system can be very easy and even relatively inexpensive.

### *Not the Same Four Channels*

The quadraphonic sound of the 1970's had four channels: two in front, two in back. Dolby Surround, however, has *three* channels in front—left, center, and right—and *one* mono channel in back, the surround channel, which in home installations is typically sent to two rear speakers.

Dolby Stereo (Surround) is now the *de facto* standard for the movie industry. In its most common form, four channels are matrixed into two stereo channels. The center front channel is derived from the sum of the left and right front channels. The surround channel is the difference between the left and right channels ( $L - R$ ). Modified Dolby B noise reduction is applied to the surround channel, which is delayed 20 milliseconds or more, cut off above 7,000 Hz (to avoid the "splash" of high-frequency sibilants), and sent to the surround speakers.

A surround-sound processor licensed by Dolby carries the double-D trademark. Other units, not licensed, have circuits marked "surround" or "cinema surround" that more or less decode Dolby Surround. Results are generally okay, if there's time delay. Lack of time delay makes the old quadraphonic decoders less than ideal.

Theaters need a center channel in front to localize dialogue for the audience sitting on the sidelines. Bob Schulein, chief development engineer of Shure Brothers, Inc., makes a strong case for three front channels at home, too. "There is more information in the center

front channel than in any other channel," says Schulein. "If the idea is to duplicate the theater experience at home as closely as possible, you need the center channel."

As in theaters, a center front channel at home helps localize dialogue, particularly for those who are sitting off to the sides. But if you don't sit too far off-center, you may not need a center front channel—the left and right front speakers will fill in the information.

Many manufacturers' models have a center-front-channel output, but most people find it awkward and inconvenient to utilize. Where do you find the third front speaker and the amplifier to power it? Speakers are usually sold in pairs, and most amps are two-channel stereo. A self-powered speaker like AR's Powered Partner would be perfect, but these, too, are sold only in pairs at present.

### *Surround Sound from Non-Dolby Sources*

All surround-sound processors have circuits that can synthesize a single surround channel from non-matrixed stereo sources. These circuits usually work like Dolby Surround. Ambience information, derived by subtracting the right channel from the left, is delayed and sent to the rear speakers. You can use this kind of ambience synthesis to derive surround sound from stereo TV programs or from CD's, cassettes, and LP's.

Most processors also enable you to synthesize surround sound from mono sources. The button is usually labeled "simulated." With this setting, some delayed mono signal is added in phase to one front channel and out of phase to the other. The delayed signal is also sent to the surround speakers. The resulting sound has plenty of spaciousness but no localization. Surprisingly, however, your eyes do a lot of localizing.

### *Add-Ons and Built-Ins*

You don't have to run right out and buy a center front speaker, but it's nice to know the capability is there. The same goes for a subwoofer, which can also add to the fun, especially with action movies like *Indiana Jones and the Temple of Doom*.

Many subwoofers are self-powered, so all you will need is a center channel and a line-level output on





THE NEC AV-350 IS A 60-WATT INTEGRATED AMPLIFIER WITH DOLBY SURROUND, MATRIX SURROUND, AND HALL SURROUND MODES. AT THE USER'S COMMAND, THE AV-350'S 16-BIT DIGITAL CIRCUITRY DELAYS THE REAR CHANNELS BY 15, 20, OR 30 MILLISECONDS. PRICE: \$579.



THE FOSGATE DSM 3602 360 DEGREE DIGITAL SPACE MATRIX SURROUND PROCESSOR OFFERS TWO 40-WATT CLASS A DOLBY SURROUND AMPLIFIERS, A WIRELESS REMOTE CONTROL, AUDIO/VIDEO SWITCHING FUNCTIONS, AND A BASS EQUALIZER. PRICE: \$995.



THE LUXMAN F-105 PROVIDES REMOTE-CONTROL FUNCTIONS FOR YOUR ENTIRE A/V SYSTEM. IT OFFERS FOUR SURROUND OPTIONS, INCLUDING DOLBY SURROUND, AND IT HAS A BUILT-IN 25-WATT AMPLIFIER. PRICE: \$550.



PIONEER'S SP-101 RE-CREATES SOUND AS IT NATURALLY OCCURS IN THREE VENUES—A STADIUM, A THEATER, OR A STUDIO, WITH SIMULATED STEREO FOR MONO SOURCES. PRICE: \$350.



SONY'S SDP-505ES IS A FULLY DIGITAL SURROUND PROCESSOR FEATURING FIVE DELAY TIMES, THREE MEMORY PRESETS, AND A BUILT-IN 15-WATT AMPLIFIER. LIKE A CD PLAYER, IT OPERATES AT 44.1 KHZ. PRICE: \$750.



your surround decoder. Remember, though, that some surround processors have just one mono output. In this situation you'll have to choose either a center front speaker or a subwoofer.

Many, but not all, surround decoders come with a built-in stereo power amp for the surround speakers. Power usually ranges from 10 to 20 watts per channel (W/ch), which is generally enough. Buying a surround unit with a built-in amp for the rear will cut down on your equipment costs and interconnectable clutter.

You might, however, gain extra features, such as remote control, by choosing a surround processor *without* a rear-channel amp. As always, features vary from model to model, which makes it important to decide what you want before you buy.

### *Anyone for Quad?*

Don't expect record manufacturers to rush back into quadraphonic sound, although it *could* eventually happen. Shure's Bob Schulein thinks it could happen where no one's looking—through the back door, with music videos. Meanwhile, you might have more quadraphonic-encoded records in your collection than you think. Check your Angel and Columbia discs from the 1970's for SQ encoding, your Vox and Turnabouts for QS.

All surround processors extract and use some of the information encoded for quad's two rear channels, but some work better than others. Fosgate Research's Models 3601 (\$549) and DSM 3602 (\$995) do the job particularly well. In the "panorama" mode, with either QS or SQ sources, both processors will give you *two* rear channels, and both include a stereo power amp rated at 40 W/ch into 4 ohms.

Sansui's DS-77 (\$400) offers QS decoding—not surprising, since Sansui developed QS. The QS setting also does a fair job of decoding two rear channels with SQ sources as well. The DS-77 does not have a Dolby Surround setting per se, but its "cinema surround," with a fixed 20-millisecond delay, works very well. There's a 10-W/ch stereo amp for the rear speakers.

You can spend as little as \$150, for the Sanyo SAV 200, to add surround sound to your hi-fi system. You'll get Dolby Surround with adjustable delay (15 to 30 milliseconds) and a 20-W/ch power amp for



the surround speakers. Another economical model is the AudioSource SS-One at \$300; it has Dolby Surround, adjustable time delay, and a 15-W/ch stereo amp. For \$70 more, you can get a pair of matching AudioSource LS-Ten two-way speakers for the surround channels—a very cost-effective package.

### *Digital Surround Processors*

Among the more expensive digital surround processors, standouts include the Sony SDP-505ES (\$750) and the NEC AVD-700E (\$729). The Sony has a 16-W/ch stereo amp; the NEC has none. Digital processors instantly convert the incoming analog signal to 16-bit binary numbers, with a 44.1-kHz sampling rate, just like a compact disc. The bit stream goes to an integrated circuit that performs all signal-processing functions. The processed output is then converted back to analog.

"A few years ago, 16-bit digital audio would have been a phenomenally expensive solution," says Tony Mirabelli, marketing vice president of NEC Home Electronics. "But digital LSI's [large-scale integrated circuits] have made it an affordable reality."

The Yamaha DSP-1 Sound Field Processor (\$899) uses digital technology to create a multitude of acoustic environments. Fully deployed, the DSP-1 requires six speakers: two main (front) and four processed (two front, two rear). The DSP-1 has no built-in amp, but Yamaha's matching M-35 power amplifier (\$249) can supply two 40-watt channels or four 20-watt channels.

The Fosgate DSM 3602 mentioned earlier differs from other digital processors. To decode Dolby Surround, these other units operate in a simple matrix mode—a front-channel L — R signal is derived, subjected to digitally processed time delay, and sent to the rear speakers. In the Fosgate DSM 3602, a digital

detector monitors the incoming left and right audio channels for differences in phase and amplitude, and the processor generates control signals to reduce crosstalk between the front and rear channels.

Fully deployed, the Fosgate DSM 3602 calls for left, center, and right front speakers, two rear speakers, two side speakers, and a subwoofer. Fosgate says that the DSM 3602 is for "the serious videophile" who wants to "bring a system to an ultimate conclusion."

Surround sound can be achieved with other kinds of hi-fi products as well. There are receivers with built-in surround circuitry and surround amplification—Akai has a line of them. There are surround processors that combine the source-control flexibility of a preamplifier with surround-channel amplification. The Luxman F-105 (\$550), for instance, could almost be called an integrated amplifier. It provides all the input flexibility you could want, and it has a built-in 25-W/ch amplifier for the surround speakers and a remote control. Similar in concept are the NEC AV-350 (\$579) and the Shure AVC-20 (\$599); with these models, the built-in power amp can be used to drive the front channels, the rear channels, or both. The AVC-20 also has a built-in phono preamp and a remote control.

Whichever surround-sound processor you decide to purchase, adding surround sound will make a dramatic difference. If you already own a LaserDisc player or hi-fi VCR—or plan to buy one—your plans should include surround sound for the total audio/video experience.

Surround sound today does just what it did during that famous roller-coaster ride in Cinerama; it helps create the illusion of being there. Surround sound generates aural environments, sometimes quite subtle, that draw you into a film. The sound of wind in the trees. Traffic or crowd noise. Music in the distance. Used properly, surround sound fills a room, naturally, with sound—so naturally that you may not be conscious of it until you turn off the surround effect and hear how the sound collapses back against the wall. A moment ago, the sound was here; now it's there. You were part of an aural environment, almost a participant; now you're an observer. That's the difference surround sound makes. And I, for one, wouldn't want to be without it. □





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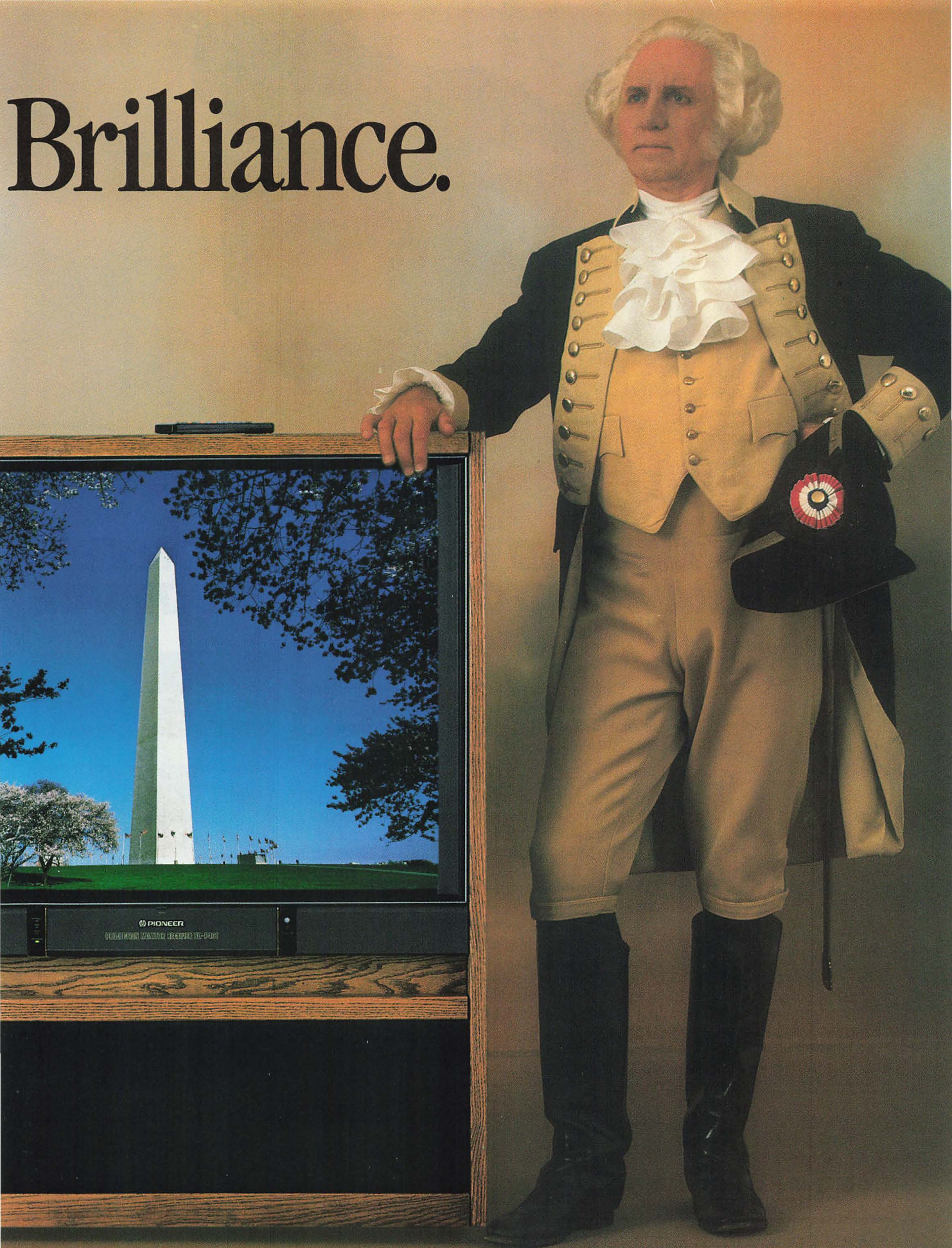
If you're impressed with what went into this monitor, you'll be doubly delighted to see what comes out of it. So see the SD-P401 at your Pioneer dealer today, and see for yourself why this big picture is today's revolution in high resolution. For more information, call 1-800-421-1404.

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# A/V SYSTEMS

by William Burton

You can have it all with an audio/video system. A typical setup can contain all the components for all of your videotapes, videodiscs, compact discs, records, audio cassettes, and yes, even television and radio broadcasts. Movies and music videos can come to life in full color and stereo sound with a remote-controlled system of your dreams.

Every audio/video system includes three types of components: source components to play the software, processing components to select, shape, and amplify the signals coming from the sources, and transducers—speakers and a TV set—to turn the signals from electricity into light and sound.

If you choose to buy a prepackaged system instead of buying each component separately, shopping for your system will definitely be easier, but such a system may entail some compromises.

By consulting the Buying Guide (page 51), you can assemble a system that is perfect for you. If you prefer to have it all without doing it all yourself, look at the systems shown here and those in the A/V Systems section of the guide. You may find one that will make all your dreams come true.

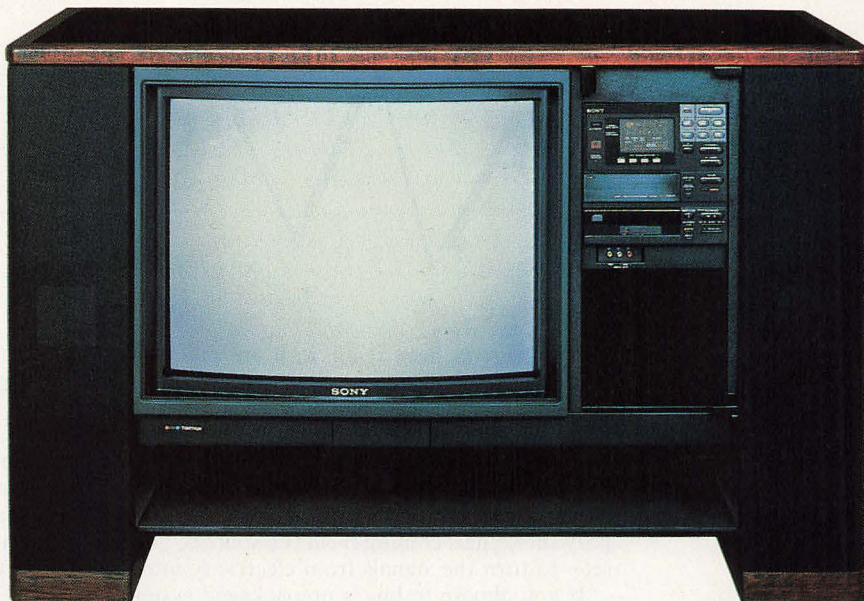
PHOTO BY ROBERTO BROSAN





## SONY

In the Fifties, when girls wore bobby sox and boys wore DA haircuts, the ultimate home-entertainment system was the one-piece console stereo sometimes fondly called a "coffin." In the Eighties, Sony cleverly combines a monitor/receiver with audio components in its one-piece KV-27AVR audio/video system. One of the problems with the old consoles was that vibration from the speakers made the turntable howl from feedback; the compact disc player in this system is immune to such problems. Other components include an FM tuner, a surround-sound processor, and a stereo amplifier rated at 30 watts per channel. The remote-controlled KV-27AVR Trinitron Concert Grand is finished in gloss black and natural wood, and it has a suggested retail price of \$2,300.



## YAMAHA

The two small speakers at the right are a clue to one of the special abilities of Yamaha's 262 Concert System, shown here with its optional monitor/receiver, videocassette recorder, and TV stand. For the rear surround-sound speakers, the AV-34 amplifier offers three types of surround sound—Dolby Surround, Natural Surround, and Simulated Surround—so you can select the best type for any program. Other components include a cassette deck, a graphic equalizer, an automatic turntable, and an AM/FM tuner. The front speakers have 12-inch woofers in acoustic-suspension enclosures. The basic system is priced at \$1,799, with the monitor/receiver \$899 and the VCR \$729.

## NEC

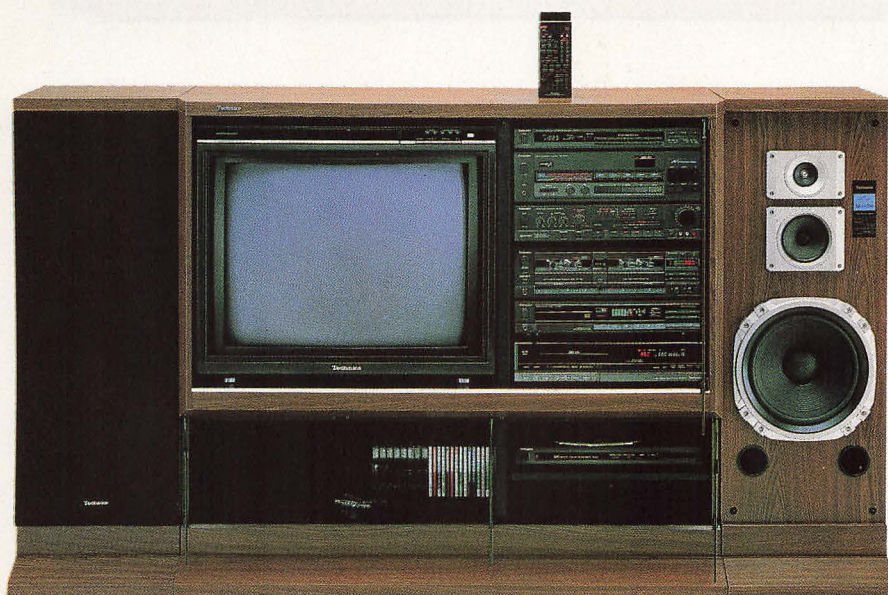
The impressive A/V system shown on the previous page, the ES-2600 Renaissance system from NEC, has a complete complement of source components, unified remote control, and fine cabinetry, but its speakers make it even more noteworthy. Because speakers are notoriously the weak link in most prepackaged systems, these three-way, magnetically shielded speakers with

12-inch woofers are designed and built for NEC by JBL. The system also includes a surround-sound amplifier, a frequency-synthesis tuner, a programmable CD player, a double cassette deck, a VHS Hi-Fi VCR, a 26-inch monitor/receiver, and a cabinet with storage space for software. The system is priced at \$4,750.



## PROTON

VNR and DPD make the video and audio performance of Proton's AV27 system something special. Video Noise Reduction in the 27-inch monitor/receiver improves picture quality, and the set is rated for horizontal resolution of 380 lines. Dynamic Power on Demand gives the AM-300 stereo amplifier 6 dB of headroom (for a dynamic power rating of 220 watts into 2 ohms) to reproduce the sonic impact of movies and music without distortion. The optional AV-300 receiver also has DPD circuitry. With the VT-290 TV, AM-300 amp, AT-300 tuner, AD-300 cassette deck, 830R CD player, AL-300 speakers, and equipment racks, the system has a total suggested retail price of \$3,732.



## TECHNICS

With an MTS tuner in the VHS Hi-Fi videocassette recorder and another in the 27-inch monitor/receiver, the Technics SC-AV700 audio/video system allows you to record one show in stereo and watch a second program in stereo at the same time. Other components include a Dolby Surround processor, an integrated amplifier, an AM/FM tuner, a cassette deck, an automatic turntable, a programmable compact disc player, a graphic equalizer, three-way speakers with 12-inch woofers, and a custom cabinet. Suggested retail price for the whole spread is \$4,000, which includes the unified remote control.

## PIONEER

The LD-838D LaserVision player in Pioneer's Syscom X9300AV system (located beneath the monitor/receiver) will play the digital soundtracks on LaserDiscs with the incredible sound quality of 16-bit quantization and 44.1-kHz sampling rate (oversampled at double speed by a digital filter). Features such as scan, skip, and multispeed allow for quick and easy access to any part of a videodisc, and close inspection is made possible with the still, step, and pause functions. The system also includes an integrated amplifier, an AM/FM tuner, a double cassette deck, a CD player, an automatic turntable, a 26-inch monitor/receiver, four-way bass-reflex speakers, and matching cabinets. The manufacturer's suggested retail price is \$3,500.





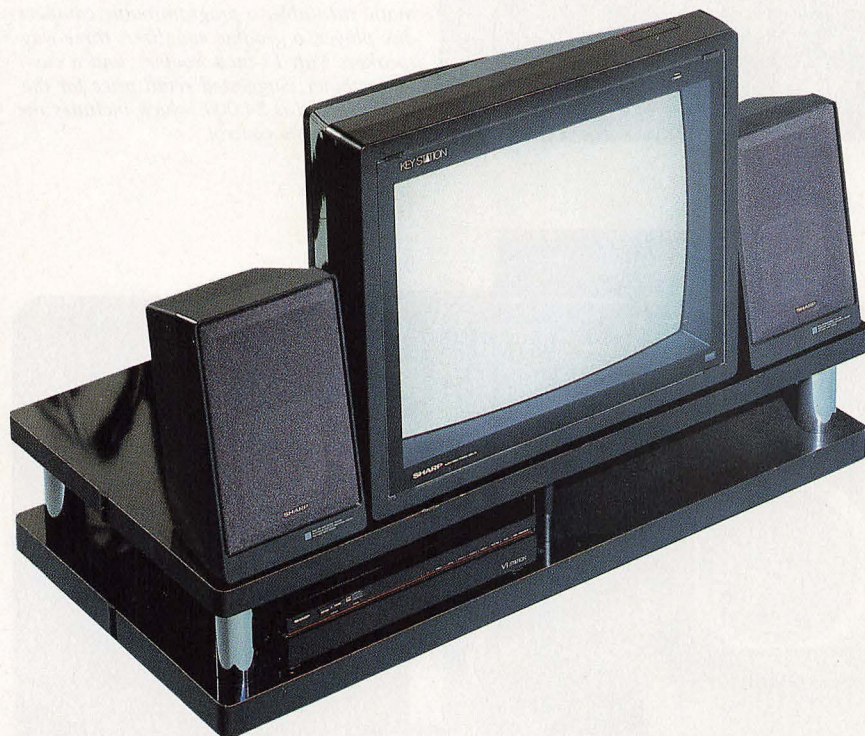
### FISHER

The highlight of Fisher's Video-Tech MK-30 A/V system is its 40-inch projection TV, with a 181-channel video tuner that decodes MTS stereo broadcasts. Included are a CD player, a cassette deck, a turntable, an equalizer, an amplifier, and more. The Computer Control Center is a remote control with 120 buttons for all audio, TV, and VCR functions, plus a message center, a telephone directory, a calendar, and a spectrum analyzer, with on-screen display of all functions, programming, and operation status. The system has a list price of \$7,000.



### SHARP

This modern, compact A/V system from Sharp, the System 96, looks good even when its 26-inch color monitor is turned off. Along with a video controller and two-way speakers, the system has inputs for VCR's, videodisc players, and computers. The controller has 140-channel tuning, MTS stereo decoding, and Sound Matrix outputs for rear surround-sound speakers. The monitor has a top-loaded flyback transformer for improved focus and stable imaging, and it is rated for horizontal resolution of 500 lines. A black-level correction circuit generates pure black for high contrast. The system has a suggested retail price of \$2,295.





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## MITSUBISHI

When you select functions or change settings with the remote control for Mitsubishi's AV-2600 audio/video system, your commands are verified on the screen of the 26-inch color monitor/receiver. The system also includes the HS-430UR VHS Hi-Fi video-cassette recorder, a 50-watt-per-channel stereo amplifier, a digital AM/FM tuner, a cassette deck, and a linear-tracking turntable, all in a custom cabinet veneered in oak.

The suggested retail price of the system, with its two three-way floor-standing speakers, is \$3,200.



## RCA

The first of its kind, RCA's Dimensia A/V system is exceptional for its flexible remote control and the clever connection of its components. The remote operates as many as sixteen separate components, generating 256 different commands. The "daisy chain" Systemlink arrangement allows components to connect easily to one another, instead of having all of them connect to a central amplifier. All of the components in the Dimensia system are options, so every system can be individually customized by the buyer and additional components can be added at any time.





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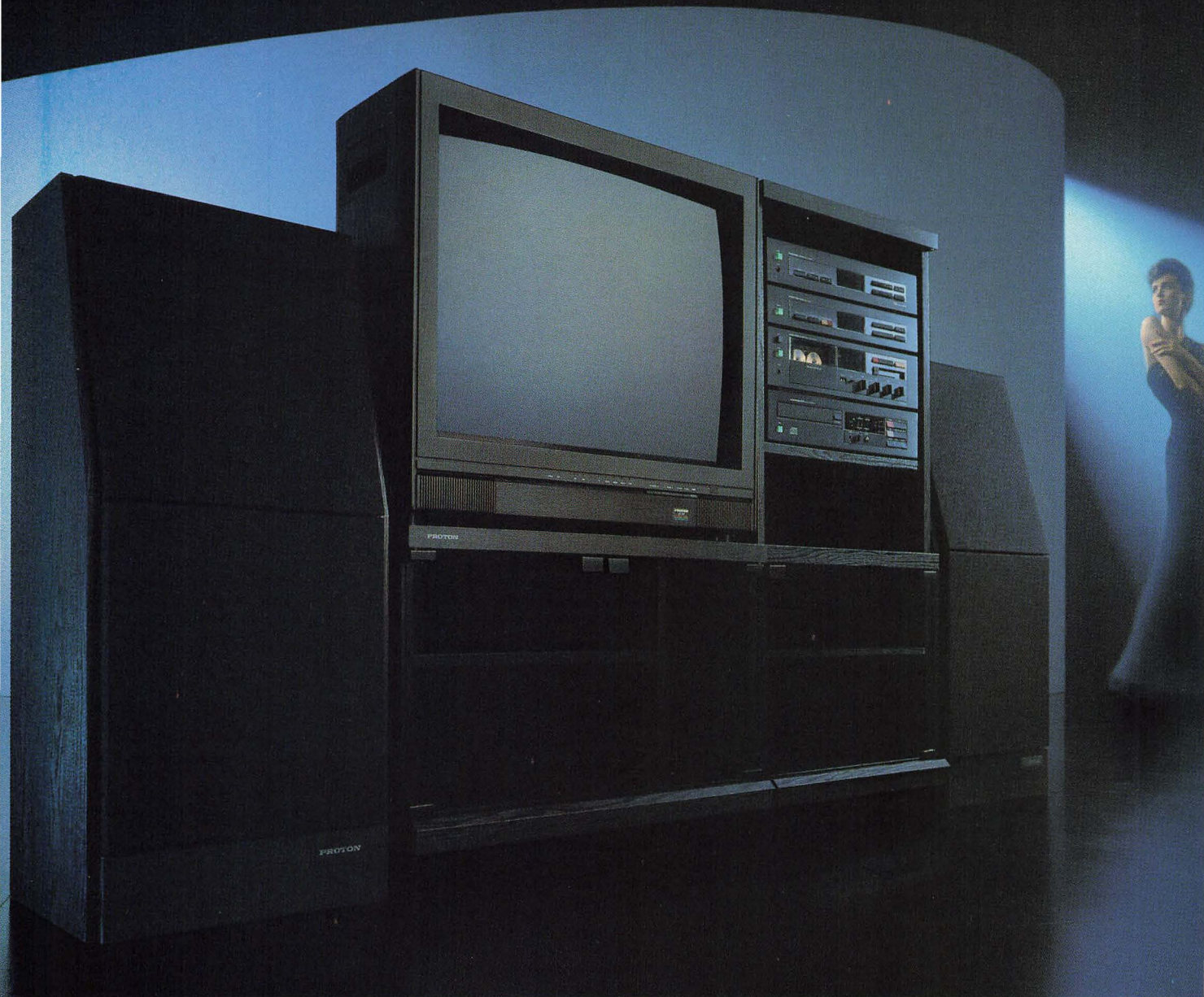
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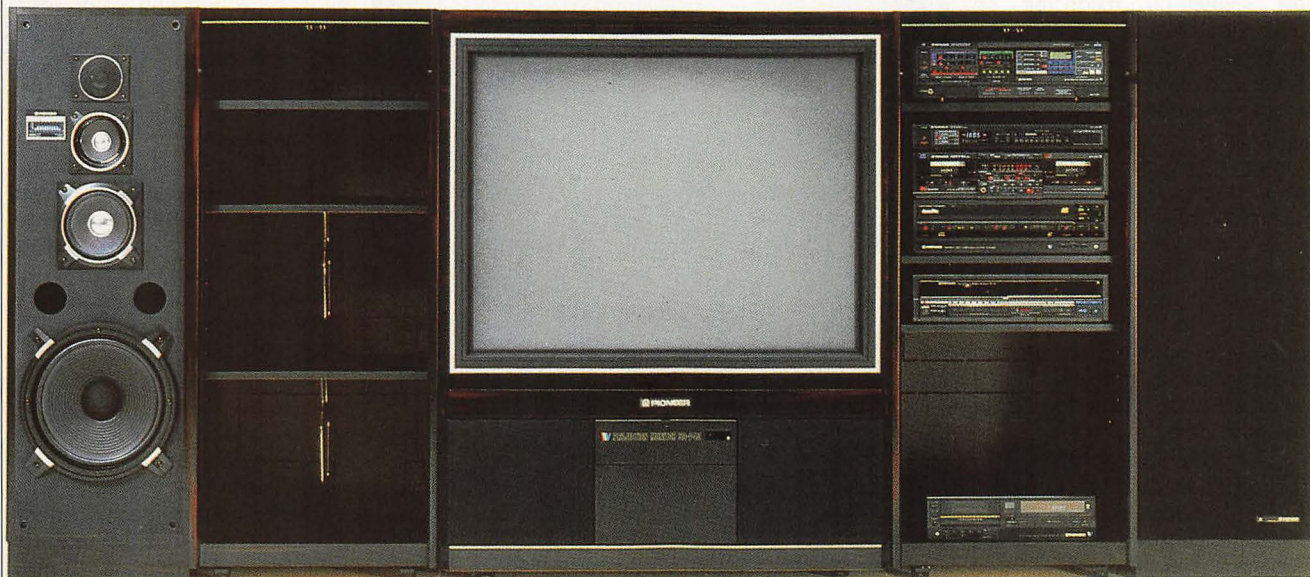
## PROTON

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At Home With The

# PIONEER PROJECTION FORESIGHT



by Michael Smolen and William Wolfe

**T**HE Pioneer Projection Foresight is a well-designed audio/video system with a unified remote control. Various options—including a VHS Hi-Fi VCR, a double cassette deck, a turntable, and surround-sound bookshelf speakers—are available to make the Projection Foresight a complete home-entertainment center.

The basic system includes the SA-V70 integrated amplifier, the SD-P40 projection TV, the CLD-909 compact disc/laser videodisc player, the TX-V70 AM/FM tuner, and a pair of CS-V90 floor-standing loudspeakers. The Projection Foresight demands a good deal of space in your media room, but it is attractive in its appearance and, despite its many functions, it is easy to use—thanks mainly to the unified remote control. The price of the basic Projection Foresight system is \$7,300.

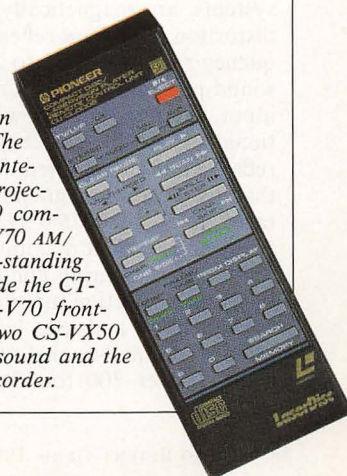
## The Components

The heart of the Projection Foresight A/V system is the SA-V70 integrated amplifier and its integrated remote-control unit, which mounts in the front of the SA-V70 for storage. The SA-V70 can control up to five audio and five video components. Its built-in surround-sound processor has THEATER, STADIUM, simulated-stereo, and expanded-stereo enhancement circuits. The continuous power output is rated as 50 watts per channel into 8 ohms from 20 to 20,000 Hz with no more than 0.09 percent total harmonic distortion (THD). The rear-channel amplifier for the surround-sound speakers delivers 25 watts per channel into 8 ohms from 100 to 4,000 Hz with no more than 1.0 percent THD. Nearly every feature of any component connected to

the SA-V70 can be operated with the remote control.

Handling both CD's and video LaserDiscs—including those with digital soundtracks—is the CLD-909, a front-loading player that automatically detects the type and size of the optical disc in its drawer. Compact discs can be accessed with track and index search functions, and up to ten selections can be programmed in any order for playback. The LaserDisc section offers visual search, fast play, and multi-speed play in forward and reverse, chapter and frame search, chapter and picture skip, chapter repeat, programming of up to ten tracks, and A-B segment repeat. When it is connected to a TV, the CLD-909 displays programming and timing information on the screen in either the CD or the LaserDisc mode. The CLD-909 has a horizontal-resolution rating of 400 lines.

Pioneer's unified remote-control unit operates all of the components in the Projection Foresight system. The basic system comprises the SA-V70 integrated amplifier, the SD-P40 rear-projection monitor/receiver, the CLD-909 compact disc/videodisc player, the TX-V70 AM/FM tuner, and the two CS-V90 floor-standing speakers. Optional components include the CT-V70 double cassette deck, the PL-V70 front-loading, linear-tracking turntable, two CS-VX50 rear-channel speakers for surround-sound and the VH-900 VHS Hi-Fi videocassette recorder.





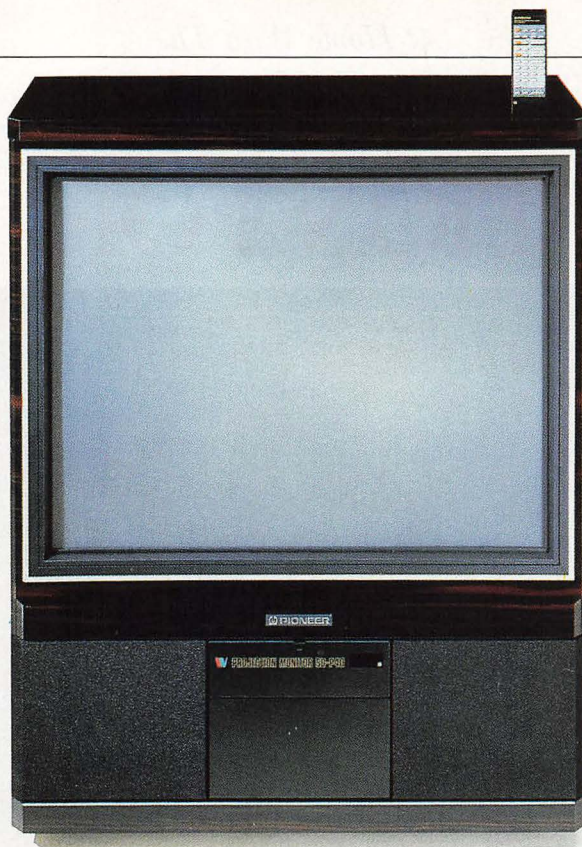
The optional CT-V70 cassette deck is a high-speed dual-transport model that can automatically dub both sides of a cassette at either normal or twice-normal speed. It also has a continuous-record function for sequential recording on both sides of one or two tapes from any external source. Another convenient feature allows you to program up to ten tracks on Deck 1 for playback or dubbing in any order. The CT-V70 also features skip/search music selection and Dolby B, Dolby C, and dbx noise-reduction systems. With metal tape, the CT-V70's frequency response is rated as 25 to 18,000 Hz, wow-and-flutter as 0.06 percent, and signal-to-noise ratio as 57 dB with no noise reduction or 92 dB with dbx.

The system's optional PL-V70 front-loading turntable is a linear-tracking record player with pushbutton cueing of its tonearm. The tonearm is fitted with Pioneer's exclusive Dynamic Resonance Absorber to dampen resonance and vibration. The platter is powered by a DC servomotor, with rotation speed and cue-up radius automatically adjusted according to the record size and type. The system can also be programmed to skip or repeat tracks. With its integral PC-291 cartridge, the turntable has a wow-and-flutter rating of 0.06 percent and a signal-to-noise ratio of 70 dB.

The TX-V70 quartz-controlled, phase-locked-loop AM/FM tuner features sixteen presets, automatic or manual station search, and stereo and TUNED indicators. Rated FM specifications include a usable sensitivity of 11.2 dBf (mono) and an alternate-channel selectivity of 67 dB (400 kHz).

The main speakers, the floor-standing CS-V90 four-way systems, are magnetically shielded to prevent TV-picture distortion. The bass-reflex-type speakers have a rated frequency response of 35 to 20,000 Hz, a sensitivity of 90 dB sound-pressure level (SPL) measured at 1 meter with 1 watt input, and maximum power handling of 100 watts. The optional CS-VX50 rear-channel speakers are two-way bass-reflex models designed for surround-sound applications that also feature magnetic shielding. Frequency response is rated as 50 to 20,000 Hz, sensitivity as 90 dB/SPL, and they can handle a maximum of 60 watts apiece.

The most alluring component in the system is the SD-P40 rear-projection monitor/receiver. It measures 40 inches diagonally and uses large-diameter lenses, optical coupling, and liquid-cooled CRT's to achieve a rated brightness level of over 300 foot lamberts. Picture contrast is im-



The SD-P40 projection TV has its own amplifier and speakers, plus jacks for connecting the system's external four-way speakers.

proved by the use of aspherical, optically coupled liquid lenses, and horizontal resolution is rated at over 450 lines through the video inputs.

The black-striped, double-sided lenticular screen eliminates reflection and color shift to make viewing easier on the eyes and picture quality uniform regardless of viewing angle. The tuner can receive 139 channels and features a built-in MTS/SAP stereo-TV decoder. Other features include three video inputs/outputs, three audio outputs, on-screen status and remote-function displays, and built-in stereo speakers.

The optional VH-900 VHS Hi-Fi videocassette recorder offers three recording speeds (SP, LP, and EP), a built-in MTS/SAP stereo-TV decoder, a 119-channel cable-compatible tuner, five video heads, two audio heads, VHS HQ picture-enhancement circuitry, a four-event/fourteen-day programmable timer, an every-day/every-week quick timer, and a full-function wireless remote control. Frequency response is rated as 20 to 20,000 Hz, dynamic range as 80 dB, wow and flutter as less than 0.005 percent wrms.

### System Assembly

Since both of us have survived previous incarnations as hi-fi salesmen, including countless hours spent assembling rack

systems on the sales floor, we approached the assembly of the Pioneer Projection Foresight system with trepidation. Once we had uncanted the nearly 800 pounds of rack parts and components, however, we were delighted to find the system to be one of the easiest assemblies we had ever undertaken—and no special tools or materials are needed.

It took roughly two hours to assemble and wire the entire system. The bulk of the time was spent putting together the two CB-V90 racks, which are finished in wood-grain vinyl veneer. For once, all of the necessary parts and hardware were easily found and identified—including rarely supplied *extra* parts—and to our further delight, no messy glue was required.

The racks feature easily installed dual glass doors and a convenient number of adjustable shelves. Instructions for putting the racks together are clear and concise, offering several setup options, one of which is bound to meet your needs. The backs of the cabinets feature easily removed cutouts to facilitate the connection of what looks like miles of cabling. Another welcome feature was the heavy-duty casters, which made it easy to move the fully assembled and equipment-laden racks.

But just so you don't think that it was all fun and games,



we did make the extremely foolish mistake of not realizing that the 215-pound projection TV was also supplied with heavy-duty casters—something we found out *after* carrying it far enough to make even Arnold Schwarzenegger sweat.

The instruction manual explains several ways of wiring the system, depending on the optional components chosen. While the wiring diagrams are not exactly *easy* to follow, a little study should have even a novice up and running in no time. Be sure to plan the layout of your system in the racks *before* placing the components inside, as this can save you a lot of grief when it comes time to wire the system. One logical way of going about things is to place the components you will use most often on the upper shelves, with less-used equipment on the lower shelves. These will always be accessible with the remote control.

Keep in mind that just because every picture of the system shown in the manual has the main speakers situated just beyond the two equipment racks with the TV monitor/receiver in the middle, this positioning is not necessary. Treat the Pioneer Projection Foresight as you would any fine hi-fi system and locate the speakers *wherever they have to be* in the room for optimum listening.

### *Improve Your Image*

It's hard not to get excited about a home-entertainment system that includes a 40-inch projection TV and an unassuming slim box that plays both compact discs and laser videodiscs. And, believe it or not, there's something exciting about just setting up the system, waiting for that magic moment promised by the proximity of so much sophisticated equipment. We were not disappointed.

The SD-P40 projection TV is a beautiful piece of equipment. It's performance was so good, in fact, that it revealed the limitations of most video sources, but this shouldn't keep you from being interested in the Projection Foresight System. The inclusion of a videodisc-playback device guarantees that you will be able to enjoy some truly amazing pictures.

It's a good idea to check the convergence of the picture tubes after you've unpacked the SD-P40. (Convergence describes how well the three primary colors—red, green, and blue—overlap to form an ideal picture.) Or, better yet, have your dealer do it. There are complete yet concise instructions in the owner's manual for the SD-P40, but you may feel uncomfortable about fiddling around with it.

Angling the vertically tilting screen is another important adjustment you may want to defer to your dealer, as the process involves removing the frame and several parts *inside* the set. There is a picture-sharpness control that allows you to tailor on-screen images according to taste, and the SD-P40 also has a factory-set picture-quality control.

The SD-P40 has its own built-in amplifier and stereo speakers along with jacks for connecting the external speakers supplied in the Projection Foresight system. The built-in components did not produce astounding sound,

We approached the task of assembling the Foresight system with trepidation, but we were happy to find that it was one of the easiest assemblies we'd ever undertaken—in all, it took roughly two hours.

but they don't have to in this installation since the TV set is connected to a very flexible hi-fi system. They *were* good for producing a center channel, which helps in localizing dialogue. Separate bass and treble controls are provided for the built-in audio.

### *Best of Both Worlds*

The CLD-909 CD/LV player is another remarkable piece of equipment. For all its many features, it is still slim, stylish, and user-friendly, and its fidelity unfailingly drew raves. Both CD's and laser videodiscs were played back flawlessly, and we could not hear or see any difference between its performance

and that of the separate CD and LV components we have used.

We did find that the player's manually operated disc drawer was not as convenient to use as the fully automatic disc drawers we're accustomed to seeing on CD players. There are also no skip or search controls on the CLD-909's front panel, so you have to keep the remote handy when you're changing discs and want to find a particular track or section immediately.

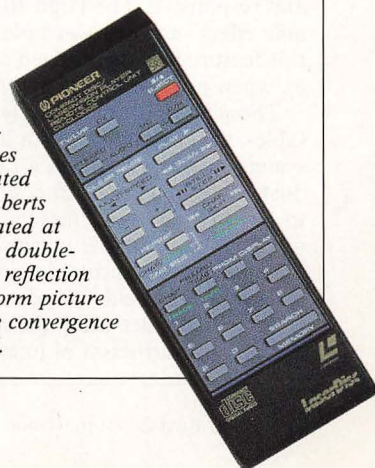
The SA-V70 integrated amplifier, delivering up to 50 watts per channel in the stereo mode, should have enough power for most users, although we could envision some people wishing for more, especially if they have installed the system in a large room. The SA-V70 is well matched with the CS-V90 speaker system, however, and we had no problems eliciting polite complaints from offices a good way down the hall from our listening room.

To facilitate using the system when the remote is across the room, the cavity in the SA-V70 contains controls for selecting audio and video sources, for overall system volume, and for volume muting. Our only quibble with the amplifier, aside from reservations about its power output for *some* listening situations, was that the bass and treble slider controls seemed flimsy. They did do their job, however, providing a fair range of attenuation for both the high and low frequencies.

### *Surround Sound and More*

Of the four audio-enhancement circuits, we found that the STADIUM mode worked best with rock and pop music.

The screen on the SD-P40 monitor/receiver (facing page) measures 40 inches diagonally. It has a rated brightness of over 300 footlamberts and its horizontal resolution is rated at over 450 lines. The black-striped, double-sided lenticular screen eliminates reflection and color shift, allowing for uniform picture quality from any angle; both tube convergence and screen angle can be adjusted.







## The slim and stylish CLD-909 handles both CD's and videodiscs, and it plays back both with maximum fidelity.

The THEATER mode excelled at reproducing the tight reverberation of a medium-size movie house. By careful manipulation of the surround-sound volume buttons, the apparent size of the room can be extended, giving you a sense of being in a much larger space such as an opera house; this method worked best for us with videotapes and videodiscs.

The simulated-stereo mode worked very well with mono TV broadcasts, enlarging the sound stage on either side of the screen. The expanded-stereo mode has a similar effect, though it can be used with stereo sources. We were not terribly impressed with it, however.

The VH-900 VHS VCR has most of the niceties we've come to expect from a top-of-the-line model: VHS Hi-Fi audio circuitry, HQ circuitry, manual audio-level controls, and timer programming via the LCD screen on the VCR's own remote control. (You can't program the VH-900 using the Foresight system remote control.) However, the VH-900 does not contain the digital picture-enhancement and special-effects circuits found on some of the newer high-end VCR's.

The CT-V70 double cassette deck can do a lot of things. Basic playback and recording is straightforward, but you can also program the deck to play ten tracks per tape side in any desired order, enjoy uninterrupted playback for up to 17½ hours using the reverse/autoreverse mode, and dub cassettes in either direction.

Even in an urban office building surrounded by taller buildings, the TX-V70 AM/FM tuner did a good job of picking up and holding quality FM stereo signals. The channel presets, the most often-used controls, were sturdy and responsive. The High Blend feature had a very noticeable effect, and we were pleased to see that the status of this feature was memorized along with the station frequency when presetting our favorite channels.

Though we are not overly fond of linear-tracking turntables, that design makes a lot of sense for an audio/video system contained within a rack. You don't have to lift the dust cover in a cramped compartment, and you don't have to set aside an overly large space within the rack to accommodate the turntable or spoil the aesthetics of the system by putting the turntable on the top of the rack. Eight tracks on either side of a disc can be programmed for playback in any order using the remote control, which answers our greatest criticism of linear-tracking turntables: the dif-

ficulty of finding individual tracks within a record side. The cartridge is already installed on the PL-V70's tonearm, so you don't have to bother with it.

The CS-V90 speakers sounded best to our ears when playing rock and pop music and video soundtracks: They have a solid low end and a well-matched high end. The mid-range seemed less full than we

would have liked, especially noticeable when auditioning music with a diverse string section or solo voices.

Used in conjunction with the CS-VX50 surround-sound speakers, the CS-V90's can be quite impressive. After many arduous workouts, we concluded that the speaker systems work very well with Pioneer's Projection Foresight.

Pioneer's unified remote control makes using the system a breeze. It operates every one of the system's components, and it will also operate the major functions of any other Pioneer component that bears the "SR" symbol. The remote comes with a couple of blank templates so you can match functions on the different components with open buttons on the remote.

We do have two quibbles with the remote: First, its completeness in all other respects made us wish that it had bass and treble tone controls, even though we do not remember seeing such controls on any other unified remote. Second, while the remote control does provide an on/off button, a mode button, and up/down volume buttons (labeled + and -) for the surround-sound amplifier, there is nothing in the LCD display area to indicate which surround mode you have selected.

Note that these quibbles do not reflect on the performance capabilities of the system, which overall are superb. The SD-P40 is a terrific projection TV, especially when fed signals from the CLD-909, and the audio components are all good performers. Viewing videotapes using the SD-P40 and the optional VH-900 is something of a mixed blessing, however. The SD-P40's big screen does wonders in the areas of impact and recreating spectacle, but the standard-VHS VH-900 just cannot produce enough horizontal resolution—the result is a picture that is relatively grainy. (Standard broadcast TV shows, incidentally, don't look much better on the SD-P40.) We'd stick with the CLD-909 as the video source. It's the kind of component that makes a home-entertainment system like the Projection Foresight truly exciting. □





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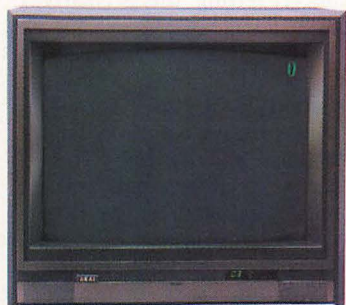
# lity approach images.



SS-V20U-B  
Audio/Video Selector

strengthens contours by overlaying a delayed signal on the original. In sum, you can minimize the loss of image quality during copying, restore old tapes, and create post-production effects that are truly "special."

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# HI-FI VIDEOS

*For the ultimate home-entertainment experience, a varied menu of sonic spectacles designed to show off your audio/video components to the max—by Steve Simels*

Okay, okay, I'll admit it: I'm a sucker for home videos with great stereo soundtracks. I love them all, unreservedly. Low-budget *Alien* rip-offs, teenage sex comedies, Iron Maiden concerts—you name it, if I can crank up the two audio channels while watching a video, I'm in heaven.

Yes, I'm exaggerating. Nevertheless, it is an ineluctable fact that getting the kind of sound at home that was once the exclusive province of theaters equipped with Dolby stereo is one of the major kicks of our age. What follows, then, is a list of some of my favorite sonic showpieces (genus video). I've tried to make it a fairly varied lot, hence the inclusion of musicals, a historical epic, space operas, documentaries, live concerts, and even anthologies of made-for-MTV video clips. But rest assured that in every case the fun is as much in the listening as in the viewing.

**RAIDERS OF THE LOST ARK.** Harrison Ford, Karen Allen; Steven Spielberg dir.; 1981. PARAMOUNT HOME VIDEO VHS Hi-Fi, Beta Hi-Fi, and videodisc.

George Lucas and Steven Spielberg joined forces for this big-budget update of old Republic serials like *Tim Tyler's Luck* and *Bat Men of Africa*, and in the process they took a lot of flack from "auteurist" critics for allegedly subverting the Howard Hawks action-movie ethos. Seems hero Indiana Jones (endearingly played by Harrison Ford) doesn't learn anything in the course of the film. Which for me misses the point, since *Raiders* succeeds so splendidly on its own terms—i.e., as a cliffhanger that really delivers the thrills our memory tells us the old serials provided, but which they never really

did. In any case, as with most Lucas/Spielberg products, this one has a spectacular surround soundtrack, and the home versions—tape and disc—are all but overwhelming. Pick hit: the scarifying sound of the giant boulder in the opening temple scene, one of the most effective lease-breakers short of a Sonic Youth album.

**GIMME SHELTER.** The Rolling Stones; Ike and Tina Turner (vocals and instrumentals); David Maysles, Albert Maysles, and Charlotte Zwerin dirs.; 1970. *Jumping Jack Flash*; *Love in Vain*; *Carol*; *Honky Tonk Women*; *Street Fighting Men*; *Sympathy for the Devil*; and six others. RCA/COLUMBIA VHS Hi-Fi, Beta Hi-Fi, and videodisc.

The 1969 Rolling Stones tour, culminating in violence and murder at the Altamont Festival, provided the raw material for this documentary, the closest rock-and-roll has ever come to producing a Greek tragedy. You know how it's going to end, and you watch, alternately riveted and horrified, in much the way you might an accident on the highway. Amazing stuff, and twenty years later it's also a fascinating time capsule of the counterculture in its death throes. *Shelter* was one of the first rock films exhibited with a genuine stereo soundtrack, and it holds up quite well; the Madison Square Garden footage, particularly a blues-wailing *Love in Vain*, really sounds the way the concert did from a good seat in front (I was there, and I can vouch for it). Get the videodisc version and crank it up; after all, this was the Rolling Stones at its musical and performance peak.

**RICHARD THOMPSON: Across a Crowded Room.** Richard Thompson (vocals, guitar); Clive Gregson (vo-

cals, guitar); Raurie McFarlane (bass); Christine Collister (vocals, acoustic guitar); Gerry Conway (drums). *Fire in the Engine Room*; *She Twists the Knife*; *Shoot Out the Lights*; *You Don't Say*; *Wall of Death*; *Little Blue Number*; *When the Spell Is Broken*; *Did She Jump or Was She Pushed*; *Wrong Heartbeat*; and nine others. SONY VHS Hi-Fi and Beta Hi-Fi; PIONEER ARTISTS videodisc.

That this straightforward account of the Richard Thompson band in a Canadian club appearance should also be one of the few performance videos that doesn't reduce one to scowling fidgets shouldn't be a surprise. After all, Thompson is merely the most remarkable songwriter/guitarist in the Western world, and his grim-but-tuneful songs and stingingly inventive guitar work are supported here by the most sympathetic musicians he's worked with since the halcyon days of Fairport Convention. The sound meanwhile, was digitally recorded by none other than Sixties legend Al Kooper (currently programming the oldies on NBC's *Crime Story*) and it's terrific. Since there is no audio-only document of Thompson in a concert setting, this is clearly an essential artifact.

**TALKING HEADS: Stop Making Sense.** David Byrne (vocals, guitar); Chris Frantz (drums, vocals); Tina Weymouth (bass, vocals); Jerry Harrison (guitar, keyboards, vocals); other musicians; Jonathan Demme dir.; 1986. *Psycho Killer*; *Swamp*; *Slippery People*; *Burning Down the House*; *Once in a Lifetime*; and six others. RCA/COLUMBIA VHS Hi-Fi.

Although this beautifully made film did not kick off the expected fashion craze for oversized white suits, *Stop Making Sense* remains one



of the two or three best concert films ever, an elegantly shot tribute to a great band at something near its best. My only complaint: too much of David Byrne, and not nearly enough of Tina Weymouth, the cutest bassist in rock, whose *Weimar Republic* cool has always been my favorite thing about this bunch of well-mannered young adults. Oh well; at least there's a great digital soundtrack (with songs not on the audio-only version) to compensate.

**STAR TREK: THE MOTION PICTURE.** William Shatner, Leonard Nimoy; Robert Wise dir.; 1979. PARAMOUNT HOME VIDEO VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Unless you're a full-time *Star Trek* fanatic, you were probably disappointed by this first big-screen installment of the galaxy's longest-running space opera, and with good reason: There's no story here to speak of. In retrospect, however, the film does have a certain oddball charm. The decidedly sexual subtext of much of it, for example, is fairly startling, and there's no getting around the fact that the special effects by Douglas Trumbull, a combination of light show and kinetic art, are exceptionally beautiful. Mostly, though, what puts this across at home is the soundtrack, which is directional as all get-out and contains a score by the vastly underrated Jerry Goldsmith (including the lovely pre-credits overture omitted from the audio-only soundtrack album). Not the great fun that *Star*

*Trek II, III, and IV* became, but a sensational demo for your home-entertainment center. Beam me up, Scotty.

**SPARTACUS.** Kirk Douglas, Peter Ustinov, Charles Laughton; Stanley Kubrick dir.; 1960. MCA HOME VIDEO VHS Hi-Fi, Beta Hi-Fi, and videodisc.

This straightforward rendering of Howard Fast's novel may be the least personal of Stanley Kubrick's movies, but it's also the most literate and exciting historical epic ever, with breathtaking visuals, superb performances (notably by Charles Laughton and Laurence Olivier), and an ending that could induce tears in a rock. More to the point, it also has a score by Alex North that, for my money, is right up there with *Alexander Nevsky*; it's certainly among the most beautiful film scores ever written by an American, and it's masterfully cued to the visuals (check out the gladiatorial scene between Kirk Douglas and Woody Strode, which is practically a concerto for actors and orchestra). MCA's remastering job is superb; the sound on both tape and disc is far superior to that on the soundtrack LP. Not to be missed.

**HEAVEN'S GATE.** Kris Kristofferson, Christopher Walken, Isabelle Huppert; Michael Cimino dir.; 1980. MGM/UA VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Okay, okay, the title has entered the language as a synonym for disas-

ter, but forget what you've heard: Michael Cimino's epic account of the Johnson County range wars happens to be the quintessential failed masterpiece. Which is to say that between a slow start and a muddled ending lies one of the most lyrical, passionately felt, and gorgeously photographed movies ever made. Other pluses: a superb, quasi-folk score by David Mansfield (reminiscent of Mark Knopfler's for *Local Hero* and just as good), excellent sound, and two big musical production numbers—a graduation waltz at Harvard and an immigrant farmer's dance at a roller rink—that look like MTV by way of John Ford. Add to all of this superb performances by Christopher Walken and Kris Kristofferson (who has never been better utilized by any director) and you have, even with a marathon 3¾-hour running time, one of the most remarkable home-video experiences currently available. Check this one out, and prepare to be pleasantly astounded.

**HELP!** The Beatles; with Victor Spinetti, Eleanor Bron, Roy Kinnear, Leo McKern; Richard Lester dir.; 1965. *Help!*; *You're Gonna Lose That Girl*; *You've Got to Hide Your Love Away*; *Ticket to Ride*; *I Need You*; and three others. MPI HOME VIDEO VHS Hi-Fi and Beta Hi-Fi; CRITERION videodisc.

The Beatles' second, Technicolor film has dated more than the black-and-white *A Hard Day's Night*, but the songs and director Richard Lester's staging of them are better (the *You're Gonna Lose That Girl* sequence remains the definitive rock-band-in-the-studio visualization), so this is still worth catching. In addition, what was originally a mono film in theaters now boasts a digitally remastered stereo musical score all but indistinguishable from EMI's compact disc version. Enormous fun.

**ALIENS.** Sigourney Weaver, Michael Biehn; James Cameron dir.; 1986. CBS/Fox VHS Hi-Fi, Beta Hi-Fi, and videodisc.

If *Alien* was a horror film masquerading as science fiction, then *Aliens*, James Cameron's astonishing sequel, is a ferocious war film in futuristic drag—*Rambo* (or more accurately *Rambette*) in outer space. Sigourney Weaver is back as the fearless Chief Ripley, and this time she has *lots* of aliens to blow away (though we rare-

*The Police: postmodernist Monkees*





ly see them head-on), including a Queen Mother who may be the most tragically sympathetic monster since King Kong tumbled off the Empire State Building. And fittingly for a film that sports more hardware than the entire Sears chain, the audio effects are dazzling—a cacophonous electronic racket that could be the real heavy metal.

**QUEEN: Greatest Flix.** Queen (vocals and instrumentals). *Killer Queen; Bohemian Rhapsody; You're My Best Friend; Somebody to Love; Tie Your Mother Down; We Are the Champions; We Will Rock You; Spread Your Wings;* and nine others. PIONEER ARTISTS videodisc.

Say what you will about these guys—that they've redefined the word excess, perhaps?—but they have been making videos for longer than just about any band other than the Rolling Stones, and their records remain impressive monuments to the potential of recording technology. This early LaserDisc, which collects most of their big hits up to the time of *Crazy Little Thing Called Love*, is visually inconsistent; some of the clips are lavishly produced, while others are fairly dreary ersatz live performances. But the sound is just unbelievable; most of the time you actually feel like the band is there in your living room. Of course, whether you'd want them to be there is another matter, but there's no denying that this is an impressive package anyway.

**DEVO: We're All Devo.** Devo (vocals and instrumentals). *Jocko Homo; Whip It; Doctor Detroit; Beautiful World; Peek-a-Boo; Worried Man; Girl U Want; Satisfaction;* and six others. SONY VHS Hi-Fi and Beta Hi-Fi; PIONEER ARTISTS videodisc.

All the spud boys' big hits—the sublime demolition job on *Satisfaction*, the banned-on-MTV *Whip It*—are collected here, along with a minimal framing story featuring Lorraine Newman and (gasp!) Dr. Timothy Leary. The visuals are, as you probably already know, consistently witty, surreal, or both. The music, however, holds up a lot better than you might think, and not merely as New Wave nostalgia; underneath the futurist posturing these guys were actually a terrific little dance band. And since this functions as the Greatest Hits album they never released on record, this is clearly a worthwhile invest-

ment—especially on videodisc, since Pioneer's sound is almost as big and cinematic as a compact disc's.

**THE DOORS: Live at the Hollywood Bowl.** The Doors (vocals and instrumentals); 1968. *When the Music's Over; Alabama Song (Whiskey Bar); Back Door Man; Horse Latitudes; Spanish Caravan; The End;* and five others. MCA VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Granted, the current Doors cult is a fairly creepy phenomenon—nostalgia for a golden age that was, in fact, a fairly unpleasant period—and granted, much of Jim Morrison's macho-stud-undergraduate-poet act now seems a bit ludicrous. Still, there remains something compelling about the band's trademark mixture of Brecht/Weill and Del Shannon, and this recently rediscovered 1968 concert film does catch the group before self-parody and exhibitionism set in. More to the point, the sound, from what must be one of the very first sixteen-track remote recordings, is phenomenal; you can hear literally every nuance of John Densmore's maniacal drumming, Ray Manzarek's haunted carnival organ, and Robbie Krieger's acid-flamenco guitar.

**LOU REED: A Night with Lou Reed.** Lou Reed (vocals, guitar); Robert Quine (guitar); Fernando Saunders (bass); Fred Maher (drums). *Sweet Jane; I'm Waiting for My Man; Martial Law; Don't Talk to Me About Work; Women; Waves of Fear; Walk on the Wild Side;* and six others. PIONEER ARTISTS videodisc.

One of life's little tragedies is that there is apparently no substantial extant film footage of the Velvet Underground. But this straightforwardly shot record of an early-Eighties club appearance by Velvets honcho Lou Reed almost compensates. Backed by a brilliant band, including Robert Quine's barbed-wire guitar work and the metallic bass of Fernando Saunders, Reed runs through a career retrospective of his near-hits (this was filmed during the "Blue Mask" period) without a hint of "And then I wrote...." Reed seems proud of his material, and he treats even the earliest of it with the respect it deserves. These are genuinely inspired performances, far better than the ones on the contemporary audio-only "Live in Italy," and the sound on this videodisc is terrific.

**THE POLICE: Every Breath You Take—The Videos.** The Police (vocals and instrumentals). *Roxanne; Can't Stand Losing You; Message in a Bottle; Walking on the Moon; So Lonely; Don't Stand So Close to Me; Every Little Thing She Does Is Magic;* and seven others. A&M VHS Hi-Fi and Beta Hi-Fi; PIONEER ARTISTS videodisc.

The Greatest Hits of the three Aryan hunks who functioned as the Beatles of the Eighties, this collection of Police videos is less impressive visually than musically. A lot of the clips here are deliberately low-budget, and only the gorgeous black-and-white Godley and Creme-directed title sequence really lives up to its accompanying song. Still, the music—save for the utterly pointless remake of *Don't Stand So Close to Me*—is by and large fab, and it is fun to watch these guys cavort like postmodernist Monkees while you listen to the superb, digitally remastered sound on both tape and disc.

**STAR WARS.** Mark Hamill, Alec Guinness, Carrie Fisher, Harrison Ford; George Lucas dir.; 1977. CBS/Fox VHS Hi-Fi, Beta Hi-Fi, and videodisc.

This first installment of George Lucas's Flash Gordon-gets-meta-physical saga now strikes me as less charming than when it first appeared, if only because of the increasingly ponderous and juvenile nature of its two mega-sequels. For example, the finale, with its echos of Leni Riefenstahl's *Triumph of the Will*, seems less like an ironic comment on the fascist underpinnings of many fairy tales and more like a simple(minded) homage. Nevertheless, this remains a special-effects tour de force, and the soundtrack—with John Williams's heroic evocations of old Warner Brothers in-house composers of the Thirties, along with all those great explosions and alien languages—remains a knockout. Look for the more recent pressings, which have been digitally remastered.

**APOCALYPSE NOW.** Martin Sheen, Marlon Brando; Francis Ford Coppola dir.; 1979. MCA HOME VIDEO VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Before there was *Platoon* or *Full Metal Jacket*, there was *Apocalypse Now*, Francis Ford Coppola's eerie journey through the tunnel of hate



that was the war in Vietnam. With its story borrowed from Joseph Conrad's *Heart of Darkness*, the film collapses at the end in a literally impossible attempt to show not just evil but Ultimate Evil (personified by a ludicrously obese Marlon Brando). But the trip downriver, interrupted by such memorable bits as a helicopter raid set to the strains of Wagner's *Ride of the Valkyries* and an astonishing surfing sequence accompanied by the Rolling Stones' *Satisfaction*, remains one of the most memorable journeys in film history. And the sound, especially on the videodisc version, is just great. You can practically smell the napalm, which the Robert Duvall character so loves to do in the morning.

**THE LAST WALTZ.** The Band; Ronnie Hawkins; Neil Young; Joni Mitchell; Neil Diamond; Dr. John; Paul Butterfield; Muddy Waters; Eric Clapton; Bobby Charles; Van Morrison; Bob Dylan; Ringo Starr; Ron Wood; other vocalists and musicians; Martin Scorsese dir.; 1978. *Theme from the Last Waltz; Up on Cripple Creek; Who Do You Love; Helpless; Stagefright; Coyote; Dry Your Eyes; It Makes No Difference; Such a Night; The Night They Drove Old Dixie Down;* and eighteen others. RCA/COLUMBIA VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Martin Scorsese, who made effective use of rock in his breakthrough feature *Mean Streets*, was an inspired choice to direct this documentary of the Band's 1976 farewell concert, and the results—an all-star spectacular featuring Bob Dylan, Van Morrison, the late Paul Butterfield, and the late

and magisterial Muddy Waters—are sensational, the first film of a rock concert that has all the visual glamour of an old MGM musical. "This film should be played loud," reads a pre-credit title card, and I suggest you take the advice seriously, particularly during the Staples Singers' workout of *The Weight*.

**LITTLE SHOP OF HORRORS.** Rick Moranis, Steve Martin, Ellen Greene; Frank Oz dir.; 1986. WARNER BROS. VHS Hi-Fi, Beta Hi-Fi, and videodisc.

Only in Hollywood would it ever occur to anybody to do a \$40 million musical remake of a grade-Z 1960 horror spoof, originally shot in two days on a budget comparable to what the new film's director (Frank Oz) probably spends on an average business lunch. Well, surprise surprise, this film (based on the long-running Off Broadway musical) is a genuinely funny, black-humored romp, with hilarious performances by Rick Moranis, Steve Martin, and, of course, the mind-boggling mechanical plant Audrey II, who effectively steals the film. The *Horrors* score, to be sure, is average show music aspiring to Sixties tackiness, but fortunately it was produced by Bob Gaudio, a man who in his youth was responsible, with the Four Seasons, for some of the most sublime of all Sixties tackiness. As a matter of fact, the soundtrack here sounds so good that it just about makes Geffen Records' audio-only version obsolete.

**MONTEREY POP.** The Mamas and the Papas; Janis Joplin; Otis Redding;

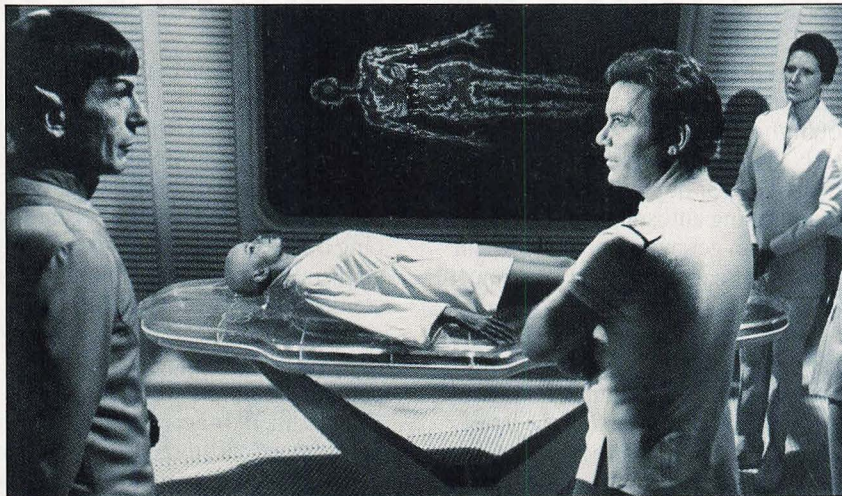
The Who; Ravi Shankar; Scott McKenzie; Simon and Garfunkel; other vocalists and musicians; D.A. Pennebaker dir.; 1979. *Creque Alley; California Dreamin'; Got a Feelin'; Ball and Chain; Shake; I've Been Loving You Too Long; My Generation; San Francisco; 59th Street Bridge;* and nine others. SONY VHS Hi-Fi, Beta Hi-Fi, and videodisc.

This is not the first great rock-concert film (*The T.A.M.I. Show* cops that honor), but it is the first that was filmed and recorded under what we might call modern conditions (the sound is eight-track stereo, for example) and it captures some classic performances. There's Otis Redding, the greatest soul man of them all, demolishing what he refers to as "the love crowd." There's the Who, announcing "This is where it all ends" before tearing into a *My Generation* that lives up to the claim. There's Jimi Hendrix, nervous but cocky in his first American appearance, doing to *Wild Thing* what nobody before or since has ever been able to do to it. There's also an interminable Ravi Shankar raga and a few period bands (like Country Joe and the Fish) that have not aged well. But what the heck; this is a must-see item, and the digitally spruced-up sound makes it a must-hear as well.

**A STAR IS BORN.** Judy Garland, James Mason; George Cukor dir.; 1954. WARNER BROS. VHS Hi-Fi, Beta Hi-Fi, and videodisc.

George Cukor's remake of the old Fredric March/Janet Gaynor backstage Hollywood epic is one of the visionary classics of the Fifties—a downbeat, realistic musical with breathtaking wide-screen compositions and songs seamlessly integrated into the action. It's an amazingly modern piece of work; update the language slightly and it might have been produced yesterday. (After its 1954 premiere, nearly twenty minutes were removed by the studio, and they were presumed missing until historian Ronald Haver turned up most of them for this superb restoration.) The film's dramatic and musical virtues aside, this is also a fascinating example of early movie stereo, which is much more naturalistic and believable than the dialogue-up-the-middle, sound-effects-left-and-right approach of most contemporary features. The soundtrack, like the film as a whole, works astonishingly well at home. □

*Star Trek: space opera*





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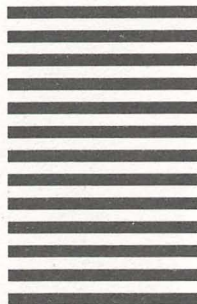
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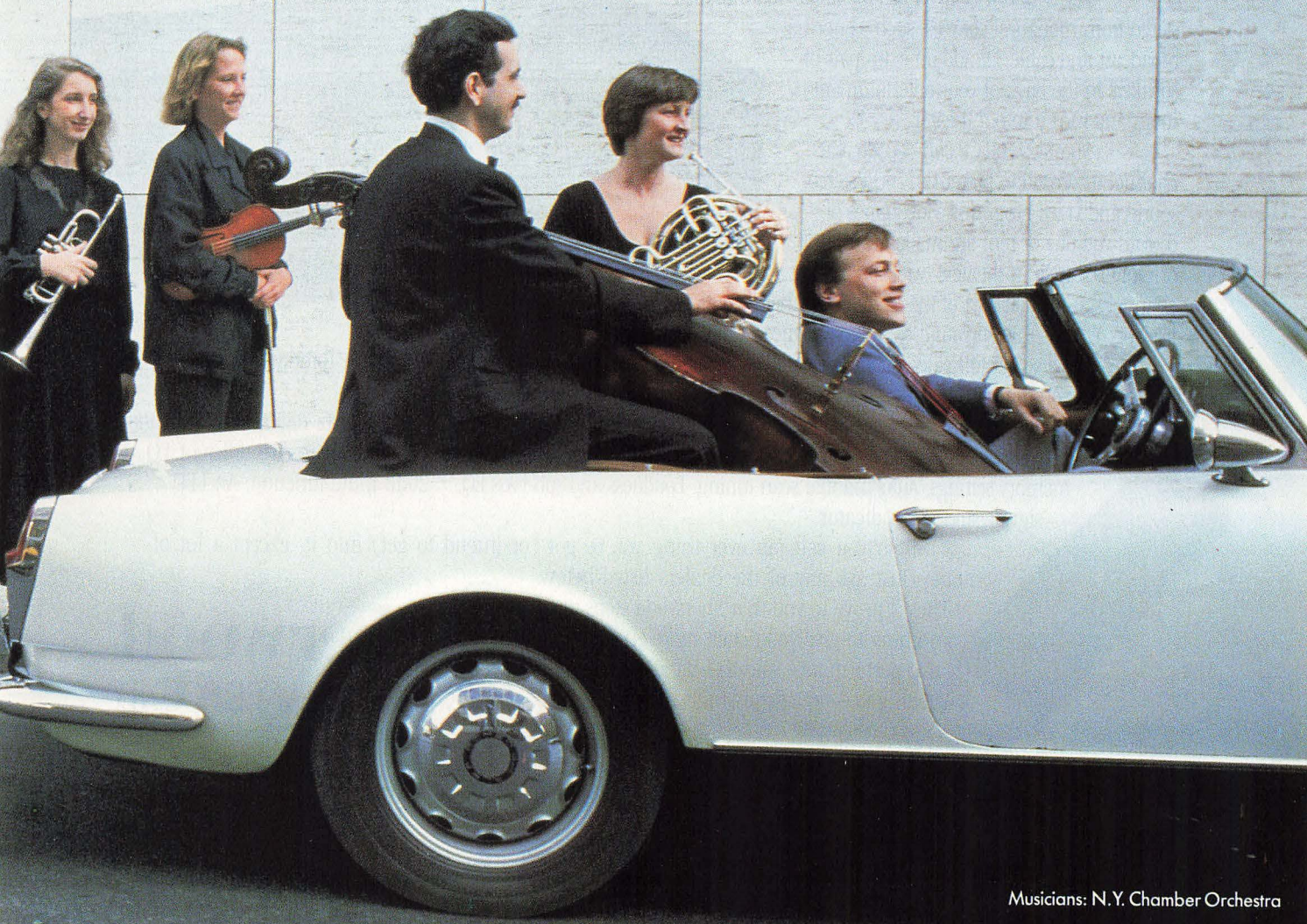
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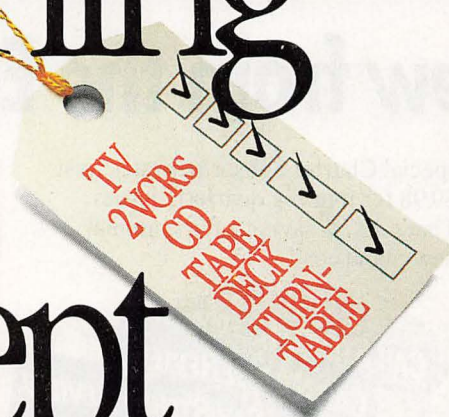
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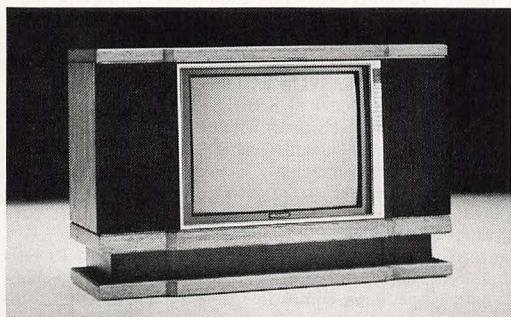
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# BUYING GUIDE

*In the following sixty-four pages, you will find in-depth information on current video components. Listings include features, specifications, prices, and other relevant information for videocassette recorders and players, camcorders and video cameras, videodisc players (including "combi-players" that play standard 8- and 12-inch videodiscs, the upcoming 5-inch compact disc videos, and standard CD's), monitors and monitor/receivers, projection TV's, audio/video processors, video speakers (those shielded for placement next to video*



*screens), accessories, blank videotapes, and audio/video systems.*

*The listings are organized by component categories; each section is then ordered alphabetically by manufacturer.*

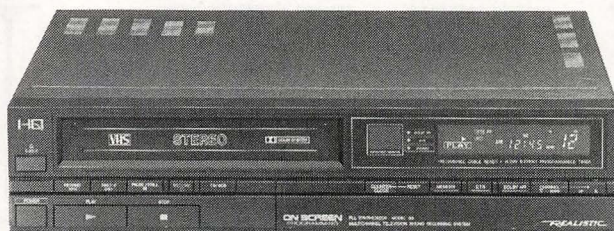
*Listings information has been supplied by the manufacturers, and it has not been verified by STEREO*

*REVIEW lab tests. These listings should be used only as a starting point for your shopping; do not base your purchasing decision entirely on specs, but trust your own eyes and ears to evaluate performance.*

*Note that all the prices listed in this guide are manufacturers' suggested retail prices, or "list" prices. Actual selling prices vary from dealer to dealer.*



# VIDEOCASSETTE RECORDERS



## AKAI

### VS-M930U-B Quick Start VHS VCR

With Quick Start transport to keep tape fully loaded for fast access (changing from stop to play in 1½ seconds). Features HQ circuits; digital video noise reduction; random-access digital coding system stores nine index points; previews 8 seconds of each indexed selection; VHS Hi-Fi sound; 126-channel cable-compatible tuner; MTS/SAP stereo-TV decoder; six-event one-year programming; on-screen programming; real-time counter; digital special effects include variable slow motion, freeze frame, frame advance, frame retrieval; universal programmable remote control that stores programming data until convenient to transmit data to the VCR (also learns commands for other remote-controlled components); four video heads. .... \$799

**VS-M910U-B.** Similar to above but lacks digital special effects and universal remote. .... \$699

**VS-35U-B.** Similar to above but lacks VHS Hi-Fi sound; 107-channel tuner with 62 presets; eight-event one-month programming. .... \$499

**VS-33U-B.** Similar to above, but with four-event one-month programming. .... \$449

### VS-565U VHS Hi-Fi VCR

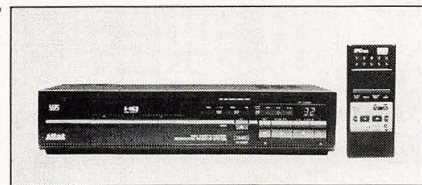
Table-top VCR with Hi-Fi stereo sound. Features built-in 10 W/ch amplifier with electronic volume control; HQ circuitry; MTS-SAP stereo tuner; four-head system; 6-event, 14-day on-screen programming; 107-channel cable-compatible tuner; 32 station presets; wireless remote control with direct access; variable slow motion; programmable from remote; child lock system; comb filter for high-definition picture; four video heads; auto power-on, rewind and editing. .... \$699

### VS-525U VHS Hi-Fi VCR

Table-top VCR with Hi-Fi stereo sound. Features built-in 10-W/ch amplifier with electronic volume control; HQ circuitry; MTS/SAP stereo tuner; two-head video system; 6-event, 14-day on-screen programming; 107-channel cable-ready tuner; 32 station presets; wireless remote control with direct access; slow motion; child lock system; comb filter; auto power on, rewind and editing. .... \$599

### VS-270U VHS Videocassette Recorder

HQ picture enhancement; 107-channel cable-compatible tuner; two video heads; remote control with access to 32 preset stations; programs six events over two weeks with on-screen display;



comb filter for separating luminance and chrominance signals; visual scan; freeze frame; frame advance; slow motion; on-screen tape counter; automatic on, editing backspace, rewind, zero stop; sleep timer; Parental Security System; Tape View System. .... \$399

**VS-220U.** Similar to above except has presets for 14 stations; programs four events; lacks frame advance and slow motion. .... \$369

## CANON

### VR-HF800 Digital VHS Hi-Fi VCR

Hi-Fi VCR with digital special effects including strobe, mosaic, freeze frame, frame advance, slow motion, strobe, and Digital Art. Features MTS/SAP stereo TV decoder; bar-code programming with scanning pen for eight events over one-month period; on-screen display of programming; remote control with flip-up panels; divides screen into nine segments to show stills from different programs on each tape, or creates strobe effect



with sequential images varying from 1/30th to 1 second, or shows stills from nine different channels simultaneously; picture-in-picture; Index Search for direct access to up to 99 programs at 75x normal speed in SLP or 25x normal speed in SP; double-speed picture playback with sound at normal speed; HQ circuits; four heads; luminance-signal vertical processor; Y/C separation comb filter; linear time counter; auto power and rewind. Hi-Fi audio dynamic range 90 dB. 16½ x 13½ x 4½ in; 7 lb, 5 oz. .... \$1,199

### VR-HF720 VHS Hi-Fi VCR

Table-top VHS VCR with MTS/SAP decoder for stereo TV broadcasts. Features programming from remote of eight events over one month; on-screen display of programming; 99-channel tuner; clear freeze frame and slow motion; four video heads; two audio heads; Index Search; auto turn on, play, and power-off eject; edit switch; double-speed silent play; manual override of automatic audio recording level; HQ circuits; black finish. Hi-Fi audio frequency response 20-20,000 Hz. .... \$1,050

**VR-HF710.** Similar to above model except does not have on-screen display of programming information. .... \$950

### VR-HF710 VHS Hi-Fi VCR

Features MTS decoder for stereo TV broadcasts; 107-channel cable-ready tuner; eight-event one-month timer; one-touch recording; remote control; special effects include high-speed search, frame advance, variable slow motion, and double speed in SP and SLP; index search; audio level controls; extra audio outputs; FM simulcast recording; edit switch; HQ circuits (white-clip extension and detail enhancement); four heads. Horizontal resolution >230 lines; video signal-to-noise ratio >41 dB. Hi-Fi audio specs: frequency response 20-20,000 Hz; dynamic range 90 dB and more; wow-and-flutter 0.005% or less. 16½ x 3¾ x 14½ in; 18 lb, 12 oz. .... \$950

## VR-HF730 VHS Hi-Fi VCR

Table-top VHS Hi-Fi VCR with digital bar-code timer programming and MTS/SAP decoder for stereo TV broadcasts. Features 99-channel tuner; HQ circuits; four heads; clear slow motion variable from 1/30th to 1/5th normal speed; frame advance; double-speed play; reverse play; auto on, play, eject; power-off eject; edit switch; linear time counter with hours, minutes, and seconds; Index Search; Intro Scan; memory search. Hi-Fi audio dynamic range 90 dB. 16½ x 13¾ x 3¼ in; 13 lb, 11 oz. .... \$925

## dbx

### DVR-1 Digital Hi-Fi VHS VCR

Table-model VHS Hi-Fi VCR with digital picture enhancement circuitry. Features remote control; 4 video heads; 140-channel cable-compatible tuner; 8-event/21-day on-screen programming; MTS/SAP stereo decoder; digital special effects include ultra-fast search and double-speed play, freeze frame; HQ; plays and records in SP, LP, SLP; remote volume control; digital video noise reduction; record-level meters; left and right input-level controls; linear Dolby stereo sound. .... \$1,100

## EMERSON

### VCS977-A VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with 4 video heads. Features wireless infrared remote control; 139-channel cable-compatible tuner; four-event/fourteen-day on-screen programming; MTS/SAP stereo decoder; HQ; see through-door. .... \$700

### VCS966-A VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with one-touch recording. Features wireless infrared remote control; 139-channel cable-compatible tuner; four-event/fourteen-day on-screen programming; MTS/SAP stereo decoder; HQ. .... \$600

### VCS955 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with SAP. Features wireless infrared remote control; 105-channel cable-compatible tuner; four-event/fourteen-day on-screen programming; MTS/SAP stereo decoder; HQ. .... \$500

### VCR952 VHS VCR with Remote

Table-model VHS VCR with 100 station preset tuning capability. Features wireless infrared remote control; 110-channel cable-compatible tuner; eight-event/twenty-eight-day programming; 4 video heads; HQ. .... \$500

### VCR874 On-Screen Programming VHS VCR

Table-model VHS VCR with on-screen programming. Features wireless infrared; remote control; 139-channel cable-compatible tuner with synthesized digital tuning; eight-event/twenty-eight-day on-screen programming. .... \$450

### VCR862 VHS VCR with Remote

Table-model VHS VCR with auto play. Features wireless infrared remote control; 124-channel cable-compatible tuner; four-event/fourteen-day timer; auto power on; HQ. .... \$350



# VIDEOCASSETTE RECORDERS

## VCR754 VHS VCR

Table-model VHS VCR with wireless infrared remote control; 110-channel cable-compatible tuner; eight-event/21-day programming; auto play; auto rewind; auto power on; HQ ..... \$300

## FISHER

### FVH990 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with 4 double-azimuth video heads. Features 30-function wireless remote control; on-screen remote programming of time, timer setting, date, and VCR status; MTS/SAP decoder; HQ circuitry; 181-channel cable-compatible random-access tuner; 1-year, 8-event programming daily and weekly repeat function; quick-timer recording with start delay; cue/review; still frame; frame advance; quick and variable-slow-motion playback modes; 50-selection programmable auto program search ..... \$800

### FVH980 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with on-screen programming. Features 27-function wireless remote control; 4 video heads; on-screen remote programming of time, timer setting, date, and VCR status; MTS/SAP decoder; HQ circuitry; 140-channel cable-compatible random-access tuner; linear stereo record/playback with Dolby NR; 1-year, 8-event programming with daily and weekly repeat function; quick-timer recording with start delay; cue/review; still frame; frame advance; 50-selection programmable APS (automatic program search); automatic power-on system ..... \$750

### FVH950 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with on-screen programming. Features 26-function wireless remote control; 4 video heads; on-screen remote programming of time, timer setting, date, and VCR status; MTS/SAP decoder; HQ circuitry; 111-channel cable-compatible random-access tuner; 1-year, 8-event programming with daily and weekly repeat function; quick-timer recording with start delay; cue/review; still frame; frame advance; automatic power-on system ..... \$700

### FVH5400 VHS Stereo VCR

Table-model VHS stereo VCR with on-screen programming. Features 32-function wireless remote control; 4 video heads; linear stereo recording/playback with Dolby NR; MTS/SAP decoder; HQ circuitry; 111-channel cable-compatible random-access tuner; remote-controlled 14-day, 4-event programming with daily and weekly repeat function; remote-controlled quick-timer recording with start delay; 9x or 24x picture search (EP), 5x or 8x picture search (SP), 2x quick scan, 1/2x slow motion, still frame and frame advance (SP and EP); auto power on, rewind, play, stop, eject ..... \$600

### FVH4200 VHS VCR

Table-model VHS VCR with on-screen programming. Features 24-function wireless remote control; 4 video heads; HQ circuitry; 111-channel cable-compatible random-access tuner; remote-controlled 14-day, 4-event programming with daily and weekly repeat function; remote-controlled quick-timer recording with start delay; 9x or 24x picture search (EP), 5x or 8x picture search (SP), 2x quick scan, 1/2x slow motion, still frame and frame advance (SP and EP); auto power on, rewind, play, stop, eject ..... \$500

### FVH4100 VHS VCR

Table-model VHS VCR with on-screen programming. Features 21-function wireless remote control; HQ circuitry; 111-channel cable-compatible random-access tuner; remote-controlled 14-day, 4-event programming with daily and weekly repeat function; remote-controlled quick-timer re-

cording with start delay; 9x or 24x picture search (EP); auto power on, rewind, play, stop, eject ..... \$430

### FVH4000 VHS VCR

Table-model VHS VCR features 21-function wireless remote control; HQ circuitry; 111-channel cable-compatible random-access tuner; remote-controlled 14-day, 4-event programming with daily and weekly repeat function; remote-controlled quick-timer recording with start delay; 9x or 24x picture search (EP); auto power on, rewind, play, stop, eject ..... \$400

## GE

### 9-7885 MTS Hi-Fi Digital VHS VCR

Front-loading tabletop VCR with digital stop action, frame adv, and variable slow motion special effects. 4 head system; Hi-Fi sound; built in MTS stereo decoder; frequency synthesized quartz tuning; 155 channel cable compatible; on screen programming; 48 function wireless remote control ..... \$899

### 9-7785 MTS Stereo/Hi-Fi VHS VCR

4-head tabletop VCR with Hi-Fi sound and built in MTS stereo decoder. Stop action, frame adv, and variable slow motion. Picture in picture digital feature; frequency synthesized quartz tuning; 155 channel cable compatible; on screen programming; 8-event 21-day timer; 42 function wireless remote control ..... \$899

### 9-7755 Digital VHS VCR

Tabletop 4-head VCR with digital picture in picture feature. Hi-Fi sound; built in MTS stereo decoder; frequency-synthesized stereo tuning; on-screen programming; 8-event/21-day timer; 45-function wireless remote control ..... \$499

### 9-7675 MTS Linear Stereo VHS VCR

Tabletop 3-head VCR with special effects in SP and EP modes. Linear stereo sound with Dolby noise reduction; built-in MTS decoder; frequency



synthesized quartz tuning; 155-channel cable-compatible tuner; on-screen programming; 8-event/21-day timer; 42-function wireless remote control ..... \$499

### 9-7655 3-Head VHS VCR

Table-top videocassette recorder with picture-in-picture function. On-screen programming dis-

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.

play; 21-day/8-event timer; 155-channel cable-compatible tuner ..... \$449

### 9-7620 On-Screen Programming VHS VCR

Tabletop 3-head VCR with special effects in SP and EP modes. 8-day/21-event timer; 155-channel cable compatible tuner; on-screen display programming; 155-channel cable compatible; 41-function wireless remote control ..... \$349  
9-7520. Same as above except with 2 heads \$329  
9-7515. Same as above ..... \$329

### 9-7500 2-Head VHS VCR

Tabletop 2-head VCR with frequency synthesized quartz tuning. 100-channel; cable-compatible; special effects in EP mode; 2-event 7-day timer; 14 function wireless remote control ..... \$279

## GOLDSTAR

### GHV-8200M VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with built-in MTS/SAP decoder. Plays and records in SP, LP, and SLP. Features 14-day/8-event timer; remote control; frame advance; remote pause; cable ready; still frame; auto rewind; auto fine tuning; one-touch recording with standby; HQ circuitry; 110-channel tuner with 80 presets; direct-access tuning; battery program backup; simulcast jack. Horizontal resolution 240 lines; video S/N 46 dB; audio frequency response 20-20,000 Hz  $\pm$  3 dB in Hi-Fi mode, 80-8,000 Hz  $\pm$  3 dB normal mode; power requirements 120 V, 28 W. 16 $\frac{1}{10}$  x 3 $\frac{3}{10}$  x 14 in; 18 lb ..... \$650

### GHV-5200M VHS VCR

Table-model VHS VCR with built-stereo MTS/SAP decoder. Features remote control; 110-channel cable-compatible tuner; 8-event, 14-day on-screen programming; MTS/SAP stereo decoder; fast search; still; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject. 16 $\frac{7}{8}$  x 4 $\frac{1}{4}$  x 14 $\frac{7}{8}$  in; 22.2 lb ..... \$580

### GHV-1250M VHS VCR with Remote

Table-model VHS VCR with on-screen programming. Features remote control; 110-channel cable-compatible tuner; 8-event, 14-day programming; MTS/SAP stereo decoder; fast search/still/frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject. 16 $\frac{7}{8}$  x 3 $\frac{3}{4}$  x 13 $\frac{5}{8}$  in; 15.5 lb ..... \$550

### GHV-1240M VHS VCR with Remote

Table-model VHS VCR with auto power and play. Features 14-day/8-event timer; plays and records in SP, LP, and SLP modes; remote control; remote pause; cable-ready voltage-synthesized tuner with 80 presets; still frame; HQ circuitry; auto rewind; auto fine tuning; one-touch recording with 24-hour standby; direct-access tuning. Horizontal resolution 240 lines; video S/N 45 dB; power requirements 120 volts AC; power consumption 28 watts. 16 $\frac{1}{10}$  w x 3 $\frac{3}{10}$  h x 14" d; 17 lb ..... \$520

### GHV-1233M VHS VCR

Table-model VHS VCR with HQ circuitry. Features 14-day/4-event timer; plays and records in SP, LP and SLP modes; remote control; remote pause; cable-ready 110-channel tuner with 12 channel presets; still frame; automatic rewind; automatic fine tuning; one-touch recording function. Horizontal resolution 240 lines; signal-to-noise ratio video 45 dB; power requirements 120 volts AC; power consumption 28 watts. 16 $\frac{1}{10}$  x 4 $\frac{1}{10}$  x 14 in; 17.5 lb ..... \$490

### GHV-1210M VHS VCR

Table-model VHS VCR with 13-function wireless remote control. Features 105-channel cable-compatible tuner; 4-event, 14-day programming; fast



# VIDEOCASSETTE RECORDERS

search; freeze/still; HQ; plays and records in SP, LP, SLP; auto power on; auto rewind. 16 $\frac{7}{8}$  x 3 $\frac{1}{16}$  x 14 $\frac{1}{8}$  in; 18.9 lb ..... \$490

## VCP-4100M Videocassette Player

VHS videocassette player without recording capability. Features up to 8 hours of playback with a T-160 tape; power-assisted front loading mechanism; function LED operation; dew indicator; auto-rewind after play. 11 $\frac{3}{8}$  x 4 $\frac{7}{8}$  x 13 $\frac{3}{8}$  in; 13.2 lb ..... \$350

## HARMAN KARDON

### VCD-4000 Stereo VHS Hi-Fi VCR

Table-top VCR with Hi-Fi sound and HQ circuitry. Features MTS decoder for stereo broadcasts; digital servo-controlled transport; SP, LP, EP play and record speeds; 21-day/8-event timer; linear stereo; Dolby NR; remote control; frame advance; noiseless special effects; cable-ready tuner; still frame; AFT; audio and video dubbing; one-touch recording; time-remaining display; on-



screen programming; variable slow motion; auto on; two-speed search; detail control; Hi-Fi tracking control; slow-motion tracking control; program search; memory rewind; 30-second skip/search; headphone jack with volume control. Audio frequency response 20-20,000 Hz  $\pm$  3 dB in Hi-Fi mode; 100-10,000 Hz  $\pm$  3 dB in normal mode; audio distortion 0.2% in Hi-Fi mode; audio S/N 80 dB in Hi-Fi mode, 48 dB in normal mode. 17 $\frac{3}{8}$  x 4 $\frac{1}{8}$  x 15 $\frac{1}{8}$  in ..... \$1,195

## HITACHI

### VT-2700A S-VHS Digital Hi-Fi VCR

Tabletop VHS VCR with digital special effects including still picture mosaic/painting. Features MTS/SAP decoder; picture in picture; multi-channel scan; 12-picture multi-strobe; receives



VHF/UHF and 85 cable channels; 8-event/1-year timer; auto play/rewind; one-touch record; VHS video index search system; 30-second (commercial) skip ..... \$1,300

### VT-2600A VHS Digital Hi-Fi VCR

Tabletop Hi-Fi VCR with digital circuitry. Features MTS/SAP; strobe display; freeze and store;

still; variable-speed slow motion; frame advance; visual search; mosaic and art (paint) effects; pre-set LCD display remote control; provisions for video printer; auto play/repeat; 120 channel cable ready; 17 $\frac{1}{8}$  x 3 $\frac{1}{4}$  x 13 $\frac{3}{4}$  in ..... \$850

### VT-2500A Hi-Fi VHS VCR

Tabletop Hi-Fi 4-head VCR with MTS/SAP decoder. Features LCD programmable wireless remote control; auto play; auto eject; auto repeat; 30-second program skip; auto rewind/shutoff; cable-ready 120-channel frequency-synthesized tuner; on-screen display; HQ circuitry; 17 $\frac{1}{8}$  x 3 $\frac{5}{8}$  x 14 $\frac{3}{4}$  in ..... \$750

### VT-1570A HQ VHS VCR

HQ 4-head VCR with picture in picture. Built-in MTS/SAP; dual-function VCR/TV wireless remote control; repeat play; auto rewind/off at end of tape; auto power on; auto scan tuner; 14-day/4 event timer; on-screen display; 119-channel frequency-synthesis tuner. 17 $\frac{1}{8}$  x 3 $\frac{3}{4}$  x 12 $\frac{3}{4}$  in; 16.5 lb ..... \$700

### VT-1450A MTS Stereo VHS VCR

VHS-format VCR with built-in MTS/SAP. Features linear stereo audio with Dolby NR; VHS HQ circuitry; digital interface/LCD display remote control; 14-day, 4-event timer; 119-channel frequency-synthesis cable-ready tuner; noiseless special effects; still frame; frame advance; one-touch recording. 17 $\frac{1}{8}$  x 3 $\frac{3}{4}$  x 12 $\frac{3}{4}$  in ..... \$530

### VT-1430A MTS Stereo VHS VCR

VHS-format VCR with built-in MTS/SAP. Stereo audio with Dolby NR; VHS HQ circuitry; remote control; 14-day, 4-event timer; 107-channel cable-ready tuner; still frame; one-touch recording. 17 $\frac{1}{8}$  x 3 $\frac{3}{4}$  x 12 $\frac{3}{4}$  in; 16.5 lb ..... \$430

### VT-1350A HQ VHS VCR

VHS-format VCR with HQ circuitry. Features 3 video heads; motorized front loading; 14-day/4-event timer; LCD display wireless remote control; auto power on; auto rewind/off at tape end; 107-channel cable-ready tuner; instant recording timer. 17 $\frac{1}{8}$  x 3 $\frac{3}{4}$  x 12 $\frac{3}{4}$  in; 16.5 lb ..... \$400

### VT-1320A Cable Ready VHS VCR

107-channel cable-ready VCR with HQ circuitry. Features 3 heads; 26-function wireless remote control; 14-day/4-event timer; repeat play; auto rewind off at tape end. 17 $\frac{1}{8}$  x 3 $\frac{3}{4}$  x 12 $\frac{3}{4}$  in; 16.5 lb ..... \$380  
VT-2000. Similar to above except remote has fewer functions ..... \$350

## INSTANT REPLAY

### Image Translator VCR's

Videocassette recorder with ability to translate foreign video formats. Plays all PAL videotapes in color including PAL B (Western Europe, India, Africa, Far East, Australia, Scandinavia), PAL N (Argentina, Peru, Paraguay), PAL I (UK, South Africa, Ireland), PAL M (Brazil). Plays SECAM B, G, V (Eastern Europe), SECAM D (Russia), SECAM H (Middle East), SECAM L (France) in monochrome. Plays on most regular television sets or monitors. Features front-loading cassette mechanism; cable-ready 107-channel tuner; 4-event/14-

day programmable timer; video peaking sharpness control; four heads; VHS Hi-Fi sound; fast-scan forward and reverse; still frame; pushbutton electronic tuning; full track/audio track erase; multi-function remote control; one-touch recording; automatic stop; built-in switchable RF modulator for channels 3 and 4; multi-function display.

### 77IT5S S-VHS Multistandard VCR

Features 420 line horizontal resolution; VHS Hi-Fi; digital index and address search; on-screen programming; 183-channel cable-compatible tuner; direct access remote control; only S-VHS VCR that also plays both PAL and NTSC tapes; RF, video and S outputs; optional RGB output; tape economy switch which allows use of regular VHS tapes in S-VHS recording mode with only a slight increase in S/N ..... \$1,995

### World Traveler VCR

VHS-format VCR plays and records on all world systems in all speeds and operates on all voltages. Features built-in tuners and modulators for PAL BG/PAL I, NTSC/ME SECAM; Dolby NR; remote control; frame advance; noiseless special effects; remote pause; cable ready; still frame; auto rewind; channel lock; auto fine tuning; one-touch recording; NTSC, PAL or RGB outputs of any standard tapes. Power requirements 100-240 V; 50/60 Hz ..... \$1,995

### 618IT4RGB Image Translator VCR

VHS-format VCR plays PAL or NTSC tapes on RGB monitor. Features Hi-Fi audio on PAL or NTSC system; built-in MTS/SAP decoder; on-screen programming; remote control; frame advance; noiseless special effects (SP, EP); cable-ready; still frame; auto rewind; channel lock; auto fine tuning; audio dubbing; one-touch recording; time-remaining display; auto index; edit switch; RGB outputs ..... \$1,895

### 528IT3 Portable VHS VCR

Features Dolby stereo; 4-head; dockable; 139-channel tuner; 14-day/8-event timer; variable slow motion; 26-function remote ..... \$1,795  
530IT3. Same as 528IT3 with Hi-Fi sound and Dolby stereo ..... \$1,950

### 618IT3 MTS Stereo VHS VCR

Tunes and records stereo/SAP television programs; HQ circuitry; simulcast switch; 2 sets of audio outputs; auto index; records hi-fi stereo with or without video input. Features audio and video editing; 27-function infrared dual-mode wireless remote control; automatic program finder; 107-channel direct-tuning cable tuner; 30-day/8-event on-screen programmer with daily repeat and memory back-up ..... \$1,795

### 611IT3 VHS VCR with Remote Control

Front loading; 4-event/14-day programmer; 17 function wireless remote control; cable ready; 107-channel tuner; HQ; 2 heads; tape counter memory; tape viewing window; chrome and black cabinet; heads for special effects at SP speed ..... \$1,075  
610IT3. As above without special effects; 15-function remote control ..... \$859

### 610CM Closed-Caption VHS VCR

VHS-format VCR with built-in caption decoder for playing closed-captioned tapes or recording closed-captioned broadcasts. Features auto power on; remote control; frame advance; noiseless special effects (EP); cable-ready; still frame; auto rewind; channel lock; auto fine tuning; one-touch recording ..... \$795

### 620IT2 Portable Video Player

Front-loading portable AC or 12-volt DC operated video player. Plays all PAL, NTSC, and SECAM speeds; auto rewind and repeat ..... \$659

## PRICES LISTED

are manufacturers' suggested retail prices  
(also referred to as list prices);

actual selling prices are set by individual dealers.

All prices are subject to change without notice.





## **SOME LIKE IT WET.**

## **OTHERS PREFER DRY.**

**Discwasher has a superior video head cleaner regardless of your preference.** The video heads in your VCR don't take up much space. But if anything happens to damage them, those small parts could cost as much to replace as most all the others put together! So it makes sense to do what you can to ensure their continued good health.

Discwasher offers two remedies, depending on the condition and usage of your VCR. Our Discwasher® Wet Video Head Cleaner was created for the machine that gets a reasonable amount of use. Our special cleaning fluid, when applied to our non-abrasive cleaning tape, safely removes built-up dust and oxides from delicate video, audio and sync heads. In about 30 seconds, it will restore vivid colors, clear images and crisp sounds.

Our dry format Discwasher® Video Head Cleaner was designed for those machines that receive a small amount of use (although rental cassettes can create a problem even with low-usage machines). It also uses a non-abrasive tape and, if used weekly, will prevent contaminant build-up quite handily.

But whether you choose our wet or dry format –you'll find Discwasher's Video Head Cleaners do a superior job of preventative maintenance—at a surprisingly low price.



**discwasher®**

4309 Transworld Road, Schiller Park, IL 60176  
A Division of International Jensen, Inc.

***The makers of the famous D4+™ Record Cleaning System.***

CIRCLE NO. 10 ON READER SERVICE CARD



# VIDEOCASSETTE RECORDERS

## JVC

### HR-S7000U Super VHS Hi-Fi VCR

Table-model Hi-Fi VCR with Super VHS circuits for recording pictures with more than 400 lines of horizontal resolution on S-VHS tapes; compatible with all VHS videotapes; switchable S-VHS or VHS recording; auto playback selection. Features remote control with number keypad; separate S-Video Y/C (luminance/chrominance) inputs and outputs; Digital Index Search System to locate starting points of recordings or user-added index points in fast forward or rewind; Address Search



locates points by four-digit codes placed by user (or automatically every minute) in fast forward or rewind; Go-To function for direct access of specified counter point; counter memory for return to specific point; four video heads; 181-channel cable-compatible PLL frequency-synthesized tuner; eight-event fourteen-day on-screen programming; MTS/SAP stereo decoder; special effects include Shuttle Search at seven times normal speed, noiseless slow motion at five speeds ( $\frac{1}{6}$ ,  $\frac{1}{12}$ ,  $\frac{1}{18}$ ,  $\frac{1}{24}$ ,  $\frac{1}{30}$ ), noiseless freeze frame, frame advance; HQ (luminance and chrominance noise reduction, detail enhancer, higher white-clip level); plays and records in SP or EP; auto power on, rewind, play, eject; instant recording; luminance comb filter; peak-hold record-level meters; left and right input-level controls and audio limiter; edit switch; auto backspace editing for clean assembled edits; switchable power outlet; FM simulcast recording; headphone jack with level control. Horizontal resolution more than 400 lines; video S/N 45 dB; Hi-Fi frequency response 20-20,000 Hz; Hi-Fi dynamic range more than 90 dB.  $17\frac{3}{16}$ " wide x  $3\frac{3}{4}$ " high x  $13\frac{1}{16}$ " deep; 18.9 lb. .... \$1,200

### HR-D530U VHS Hi-Fi VCR with Remote

Table-model VHS VCR with Index Search (using CTL coding) to locate up to nine programs in fast forward or rewind. Features remote control with number keypad that also controls some JVC TV's; 181-channel cable-compatible PLL frequency-synthesized tuner; eight-event fourteen-day on-screen programming from remote with warning of overlapping programs; mode, time, tape access information, and more data are displayed when mode changes; Next-Function Memory for play, eject, timer standby, or power off after rewinding or fast forwarding; counter go-to for locating desired point; skip search to skip segments from 30 seconds to 2 minutes; double-speed playback; special effects include locking fast search, freeze frame and frame advance in SP and EP; noiseless slow motion at five speeds ( $\frac{1}{6}$ ,  $\frac{1}{12}$ ,  $\frac{1}{18}$ ,  $\frac{1}{24}$ ,  $\frac{1}{30}$ ); HQ (luminance noise reduction, detail enhancer, white-clip circuit); switchable AFC; plays and records in SP and EP; auto power on, rewind, play, eject; luminance comb filter; switchable power outlet; tracking control reverts to standard setting when tape ejected; peak-hold audio-level meters; headphone jack with adjustable level. Horizontal resolution 240 lines; video S/N 45 dB; Hi-Fi frequency response 20-20,000 Hz; Hi-Fi dynamic range more than 90 dB.  $17\frac{3}{16}$ " wide x  $3\frac{3}{4}$ " high x  $13\frac{1}{16}$ " deep; 15 lb. .... \$899

**HR-D360U.** Similar to above except has 121-channel tuner; programs four events over two weeks; Dolby linear stereo sound instead of VHS Hi-Fi sound; no slow motion or double-speed playback; no switchable power outlet; no audio-level meters; no headphone jack; remote does not

control TV's. Audio S/N more than 46 dB with Dolby noise reduction on; audio frequency response 70-10,000 Hz ..... \$599

**HR-D237U.** Similar to above except no MTS/SAP stereo TV decoder; linear mono sound instead of Dolby stereo sound. Audio frequency response 70-10,000 Hz; audio S/N >40 dB... \$499

**HR-D227U.** Similar to above except lacks on-screen programming and programming from remote; display shows how long unit has been in pause while recording (releases pause after 5 minutes) ..... \$449

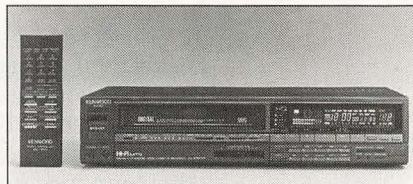
**HR-D217U.** Similar to above except does not have four heads; has on-screen programming and programming from remote; does not display length of pause while recording or release pause automatically ..... \$429

**HR-D210U.** Similar to above except lacks on-screen programming and programming from remote ..... \$399

## KENWOOD

### KV-D937HF VHS Hi-Fi Digital VCR

Table-model digital VHS Hi-Fi VCR with digital special effects. Features remote control; 4 video heads; 181-channel cable-compatible tuner; 8-event 14-day on-screen programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, strobe, solarization, fast search, slow motion at  $\frac{1}{4}$  and  $\frac{1}{8}$  normal speed, freeze



frame, frame advance; one-touch record; HQ; plays and records in SP and SLP; auto power on, rewind, play, stop, eject; comb filter. Horizontal resolution 240 lines; Hi-Fi frequency response 20-20,000 Hz ..... \$1,200

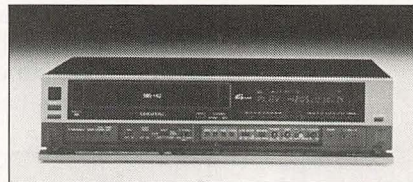
### KV-936HF VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with backspace control and commercial delete function. Features remote control; 4 video heads; 181-channel cable-compatible tuner; 8-event 14-day programming; MTS/SAP stereo decoder; freeze frame, frame advance; one-touch record; HQ; plays and records in SP and SLP; rewind, play, stop, eject; record-level meters. Horizontal resolution 240 lines; Hi-Fi frequency response 20-20,000 Hz  $\pm 3$  dB; Hi-Fi S/N >40 dB. .... \$950

## MAGNAVOX BY NAP

### VR9670AT VHS Hi-Fi Digital VCR

Table-model VHS Hi-Fi digital VCR. Features 54-function infrared remote control; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; MTS/SAP stereo decoder; digital



special effects include picture-in-picture, strobe, multi-strobe, fast search, slow motion, freeze frame, TV still; HQ; audio dubbing; auto scanning with channel memory; auto index search; latching search ..... \$1,249

### VR9680AT VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with built-in power amp. Features 44-function infrared remote con-

trol; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; MTS/SAP stereo decoder; HQ; audio dubbing; auto scan; auto index search; tape remainder indicator; memory backup system; double fine slow motion... \$1,099

### VR9664AT VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with special effects. Features 44-function remote control; 4 video, 2 audio head system; 155-channel cable-compatible synthesized tuner; 8-event 21-day remote control on-screen programming; MTS/SAP stereo decoder; fast search at 17 times normal speed, double fine slow motion; HQ; auto scan tuning; memory back-up system ..... \$799

### VR9652AT VHS VCR

Table-model VHS VCR with stereo sound. Features remote control; 4 video heads; 155-channel cable-compatible random-access frequency-synthesized tuner; 8-event 21-day on-screen programming; MTS/SAP stereo decoder; fast search at 17 times normal speed, double fine slow motion; HQ; stereo sound with Dolby noise reduction; auto scan tuning; auto eject ..... \$679

### VR9645 VHS Digital VCR

Table-model VHS digital VCR with special effects capability. Features 45-function remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; digital special effects include picture-in-picture, fast search at 17 times normal speed, slow motion, freeze frame; HQ ..... \$649

### VR9642AT VHS VCR

Table-model VHS VCR with multi-function electronic display with auto dimmer. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming with memory backup system; fast search at 17 times normal speed, double fine slow motion; HQ; auto eject; latching search; remote control on-screen programming ..... \$549

### VR9640AT VHS VCR

Table-model VHS VCR with multi-function electronic display with auto-dimmer. Features remote control; 4 video heads; 100-channel cable-compatible tuner; 2-event 7-day on-screen programming with memory back-up system; fast search at 17 times normal speed, double fine slow motion; HQ; power off eject; automatic eject; latching search ..... \$499

### VR9630AT VHS VCR

Table-model VHS VCR with special effects. Features 41-function infrared remote control; 3 video heads; 100-channel cable-compatible tuner; 8-event 21-day on-screen programming with memory back-up system; fast search at 17 times normal speed; fast forward/slow motion; HQ picture-enhancement circuits; power-off eject; auto eject; latching fast search; multi-function electronic display with automatic dimmer ..... \$499

### VR9624AT VHS VCR

Table-model VHS VCR with digital tracking system. Features 17-function infrared remote control; 3 video heads; 100-channel cable-compatible frequency-synthesized tuner; 2-event 7-day programming with memory back-up system; fast search at 17 times normal speed, slow motion; HQ; power off eject; auto eject; latching search; multi-function electronic display with automatic dimmer ..... \$449

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



## VIDEOCASSETTE RECORDERS

### VR9622AT VHS VCR

Table-model VHS VCR with digital tracking/slow tracking system. Features remote control; 100-channel cable-compatible tuner; 8-event 21-day remote control on-screen programming with memory back-up system; fast search at 17 times normal speed; HQ; power off eject; latching search; multi-function electronic display with auto dimmer. . . . . \$499

### VR9614AT VHS VCR

Table-model VHS VCR with digital tracking system. Features remote control; 100-channel cable-compatible tuner; 2-event 7-day programming with memory back-up system; fast search at 17 times normal speed; HQ; power off eject; auto eject; latching search; multi-function electronic display with auto dimmer; digital tracking system. . . . . \$429

### VR9610AT VHS VCR

Table-model VHS VCR with digital tracking system. Features 14-function infrared remote control; 100-channel cable-compatible tuner; 2-event/7-day programming; fast search at 17 times normal speed; HQ; one-touch record; power-off eject; auto eject; latching search; multi-function electronic display with auto dimmer. . . . . \$399

### MINOLTA

#### MV-140S VHS Hi-Fi Digital VCR

Table-model VHS Hi-Fi digital VCR with special effects. Features 42-function remote control; 4 video heads; 120-channel cable-compatible tuner; 8-event, 12-month programming; MTS/SAP stereo decoder; digital special effects include stroboscopic playback, noiseless still and slow motion; still video playback with continued audio; mosaic and posterization; fast search at 5, 9 and 15 times normal speed; HQ; plays and records in SP, LP, SLP; auto power on/off; auto rewind; Dolby stereo sound. Horizontal resolution 240 lines; Hi-Fi S/N >43 dB. 17 1/8 x 3 3/8 x 14 3/4 in. . . . . \$1,000

#### MV-120S VHS VCR

Table-model VHS VCR with rotary two-head helical. Features remote control; 2 video heads; 108-channel cable-compatible tuner; 4-event, 14-day programming; HQ; plays and records in SP, LP, SLP; auto power on/off; auto rewind. Horizontal resolution 240 lines; video S/N >46 dB; 17 1/8 x 3 3/4 x 12 1/16 in; 14.5 lb. . . . . \$433

### MITSUBISHI

#### HS-423UR S-VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with digital auto tracking. Features remote control; 4 video heads; 139-channel cable-compatible tuner; 8-event 14-day on-screen programming; MTS/SAP stereo decoder; fast search HQ; comb filter; v-scan; 99-position address search; 19-position index search; transient recovery system; switching noise reduction; one-touch recording. . . . . \$936

#### HS-422UR VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with digital auto tracking. Features remote control; 4 video heads; 139-channel cable-compatible tuner; 8-event 14-day on-screen programming; MTS/SAP stereo decoder; comb filter; v-scan; channel memory; fast search at 36 times normal speed; 99-position address search; 19-position index search; transient recovery system; switching noise reduction; one-touch recording. . . . . \$640

#### HS-413UR VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with on-screen programming. Features remote control; 4 video heads; 107-channel cable-compatible tuner; 8-event 14-day programming; MTS/SAP stereo decoder; HQ; comb filter; v-scan; digital auto-track-

ing; 100-position VS tuner; 99-position address search; 19 position index search; one-touch recording; reverse play; time search; transient recovery system; switching noise reduction. . . \$507

#### HS-402UR VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with digital auto tracking. Features remote control; 2 video heads; 107-channel cable-compatible tuner; 5-event 14-day on-screen programming; MTS/SAP stereo decoder; HQ; comb filter; v-scan; 100 position VS tuner; one-touch recording. . . . . \$406

#### HS-359UR VHS VCR

Table-model VHS VCR with 19-position index search. Features remote control; 4 video heads; 107-channel cable-compatible tuner; 8-event 14-day on-screen programming; HQ; comb filter; digital auto tracking; one-touch recording; v-scan. . . . . \$335

#### HS-348UR VHS VCR

Table-model VHS VCR with one-touch recording. Features remote control; 2 video heads; 107-channel cable-compatible tuner; 5-event 14-day on-screen programming; HQ; comb filter; v-scan; 100 position VS tuner. . . . . \$250

### MONTGOMERY WARD

#### JSJ10610 VHS Digital VCR

Table-model VHS digital VCR with digital special effects. Features 38-function remote control; 2 video heads; 110-channel cable-compatible tuner; 4-event/14-day on-screen programming; digital special effects include picture-in-picture, TV still, channel search, slow motion, freeze frame, strobe; one-touch record; HQ; auto power on, rewind, play, repeat/review. . . . . \$470

#### JSJ10608 VHS VCR

Table-model VHS VCR with built in MTS decoder. Features 31-function remote control; 2 video heads; 110-channel cable-compatible tuner; 4-event/14-day on-screen programming; freeze frame; one-touch record; HQ; auto power on, rewind, play, repeat/review. . . . . \$450

#### JSJ10606/7 VHS VCR

Table-model VHS VCR with 4 video heads. Features 34-function remote control; 110-channel cable-compatible tuner; 4-event/14-day on-screen programming; slow motion, freeze frame, frame advance; one-touch record; HQ; auto power on, rewind, play. . . . . \$430

#### JSJ10604/5 VHS VCR

Table-model VHS VCR with 31-function remote control. Features 110-channel cable-compatible tuner; 2 video heads; 4-event/14-day on-screen programming; freeze frame; one-touch record; HQ; auto power on, rewind, repeat/review, play. . . . . \$400

#### JSJ10602/3 VHS VCR

Table-model VHS VCR with 23-function remote control. Features 110-channel cable-compatible tuner; 2 video heads; 4-event/14-day programming; freeze frame; one-touch record; HQ; auto power on, rewind, play. . . . . \$350

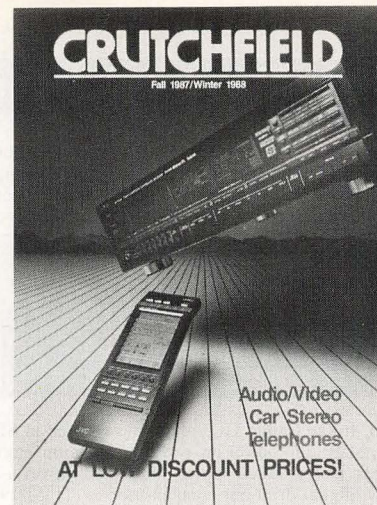
#### JSJ10600/1 VHS VCR

Table-model VHS VCR. Features 13-function remote control; 110-channel cable-compatible tuner with 16 preset stations; 2 video heads; 4-event/14-day programming; freeze frame; one-touch record; HQ; auto power on, rewind. . . . . \$320

### NEC

#### DX-5000 VHS Hi-Fi Digital VCR

Table-model VHS VCR with digital noise reduction circuitry. Features remote control; 4 video



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# VIDEOCASSETTE RECORDERS

heads; ExacTrac; 140-channel cable-compatible tuner; 8-event/21-day on-screen programming; MTS/SAP stereo decoder; digital special effects include live action freeze, fast search, slow mo-



tion, freeze frame; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; linear Dolby stereo sound; index search; reverse play; digital drop-out compensator ..... \$1,199

## N-965U VHS Hi-Fi VCR with Remote

VHS-format table-top VCR with 4 dual-azimuth video heads and built-in MTS stereo. Features 140-channel cable-ready tuner with digital display; Hi-Fi sound; remote control with on-screen display of timer/programming menu; remote pause; frame advance; noiseless special effects; still frame; auto rewind; channel lock; auto fine tuning; one-touch recording; time-remaining display; HQ circuitry; linear stereo record/playback compatibility with Dolby noise reduction; 3 play speeds, 3 record speeds; 21-day/8-event timer. Horizontal resolution more than 230 lines; video signal-to-noise ratio greater than 43 dB; audio frequency response 20-20,000 Hz  $\pm$  3 dB in Hi-Fi audio mode; audio distortion 0.005% in Hi-Fi mode; audio signal-to-noise ratio 48 dB in normal mode (Dolby on). Power requirements 120 V AC  $\pm$  10%, 60 Hz, 41 watts. 17 x 4 $\frac{1}{8}$  x 14 $\frac{3}{4}$  in; 19.2 lb ..... \$1,149

## DX-1000U VHS Digital VCR

Table-model VHS VCR with digital special effects. Features remote control; 2 video heads; 110-channel cable-compatible tuner; 4-event/21-day on-screen programming; digital special effects include fast search at 4, 7, 8, 9, and 21 times normal speed; freeze frame; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; auto power off/eject; picture sharpness control; video S/N 43 dB; audio S/N >40 dB. 17 x 4 $\frac{5}{8}$  x 14 $\frac{3}{4}$  in; 17.1 lb ..... \$699

## N-945U VHS Hi-Fi VCR

VHS-format table-top VCR with MTS-broadcast stereo tuner. Features Dolby NR; linear stereo; remote-control with on-screen display of timer/programming menu; remote pause; cable ready; still frame; auto rewind; channel lock; auto fine tuning; one-touch recording; 110-channel voltage-synthesized tuner with 20 direct-access presets; HQ recording circuitry; 3 play speeds, 3 record speeds; 21-day/4-event timer. Horizontal resolution more than 240 lines; video signal-to-noise ratio greater than 43 dB; audio frequency response 100-10,000 Hz  $\pm$  3 in normal mode; audio signal-to-noise ratio greater than 48 dB in normal mode (Dolby on). Power requirements 120 V AC  $\pm$  10%, 60 Hz, 41 watts. 17 x 4 $\frac{1}{8}$  x 14 $\frac{3}{4}$  in; 17.6 lb ..... \$699

**N-925U.** Similar to N-945U but lacks MTS stereo; Dolby NR. 16.7 lb ..... \$549

**N-916U.** Similar to N-925U but lacks on-screen display of timer/programming menu; noiseless special effects; frame advance. 16.3 lb ..... \$449

## N-906U VHS VCR

Table-model VHS VCR with 13-function wireless remote control. Features 110-channel cable-compatible tuner; 3-event/7-day on-screen programming; fast search, freeze frame, frame advance; one-touch record; HQ; auto power on/off; play, stop, eject; electronic counter; NEC direct-coupled video system; video S/N >43 dB; audio S/N >40 dB; horizontal resolution >240 lines. 16 $\frac{1}{2}$  x 3 $\frac{29}{32}$  x 14 $\frac{3}{4}$  in; 15.5 lb ..... \$349

## PANASONIC

### PV-S4764 S-VHS Hi-Fi VCR

Table-model Super VHS Hi-Fi VCR with bar-code programming. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 30-day on-screen programming; MTS/SAP stereo decoder; fast search at 7 and 21 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; headphone jack with adjustable level; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; 16 $\frac{1}{2}$  x 3 $\frac{1}{4}$  x 13 $\frac{1}{8}$  in; 12.8 lb ..... \$1,300

### PV-4780 VHS Hi-Fi Digital VCR

Table-model VHS digital Hi-Fi VCR with digital special effects. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, channel search, strobe, multi-strobe, digital still/field advance/double fine slow/TV still, fast search at 25 and 75 times normal speed in SP and SLP modes, slow motion 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; audio dubbing; headphone jack with adjustable level. Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; 16 $\frac{1}{2}$  x 4 x 13 $\frac{1}{8}$  in; 16.5 lb ..... \$1,150

### PV-4768 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with built-in power amplifier. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; MTS/SAP stereo decoder; fast search at 25 and 75 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; audio dubbing; headphone jack; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; 16 $\frac{1}{2}$  x 4 x 15 $\frac{1}{8}$  in; 20.1 lb ..... \$1,000

### PV-4761 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with bar-code programming. Features remote control; 4 video heads; 155-channel cable-compatible tuner; on-screen programming display; MTS/SAP stereo decoder; fast search at 7 and 21 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, re-

wind, play, stop, eject; comb filter; headphone jack with adjustable level; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; 16 $\frac{1}{2}$  x 3 $\frac{1}{4}$  x 13 $\frac{1}{8}$  in; 12.1 lb ..... \$850

### PV-4760 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with MTS broadcast stereo. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; fast search at 5 and 17 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; linear Dolby stereo. Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; 16 $\frac{1}{2}$  x 4 x 11 $\frac{5}{8}$  in; 12.6 lb ..... \$700

### PV-4770 VHS Digital VCR

Table-model VHS digital VCR with digital special effects. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; digital special effects include picture-in-picture, fast search at 5 and 17 times normal speed in 2 modes, slow motion 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; 15 $\frac{3}{8}$  x 4 x 11 $\frac{5}{8}$  in; 12.1 lb ... \$600

### PV-4750 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with MTS broadcast stereo. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; fast search at 5 and 17 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; 16 $\frac{1}{2}$  x 4 x 11 $\frac{5}{8}$  in; 12.3 lb .. \$600

### PV-3770 VHS Digital VCR

Table-model VHS VCR with digital special effects capability. Features remote control; 3 video heads; 100-channel cable-compatible tuner; 2-event 7-day on-screen programming; digital special effects include picture-in-picture and TV memory; fast search at 5 and 17 times normal speed in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, and SLP; auto power on, rewind, play, stop, eject; comb filter; 15 $\frac{3}{8}$  x 4 x 11 $\frac{5}{8}$  in; 12.1 lb ... \$525

### PV-4722 VHS VCR

Table-model VHS VCR with bar code programming. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 30-day on-screen programming; fast search at 7 and 21 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; auto power on, rewind, play, stop, eject; comb filter; 15 $\frac{3}{8}$  x 3 $\frac{1}{4}$  x 11 $\frac{5}{8}$  in ... \$525

### PV-4720 VHS VCR with Remote

Table-model VHS VCR with double fine slow mode. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; fast search at 17 times normal speed in 2 modes, slow motion in 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; 15 $\frac{3}{8}$  x 4 x 11 $\frac{5}{8}$  in; 11.2 lb ..... \$475

### PV-3720 VHS VCR

Table-model VHS VCR with remote control programming. Features 41-function remote control; 3 video heads; 155-channel cable-compatible tuner; 8-event 21-day on-screen programming; fast search at 17 times normal speed, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; 11.2 lb ..... \$425

## PRICES LISTED

are manufacturers' suggested retail prices

(also referred to as list prices);

actual selling prices are set by individual dealers.

All prices are subject to change without notice.



# VIDEOCASSETTE RECORDERS

## PV-4700 VHS VCR

Table-model VHS VCR with 4 video head system. Features remote control; 100-channel cable-compatible tuner; 2-event 7-day on-screen programming; fast search at 17 times normal speed in 2 modes, slow motion 2 modes, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter; 11.2 lb ..... \$425

## PV-2700 VHS VCR

Table-model VHS VCR with auto-operation play functions. Features remote control; 2 video heads; 100-channel cable-compatible tuner; 2-event 7-day on-screen programming; fast search at 17 times normal speed, freeze-frame, frame advance; one-touch record; HQ; plays and records in SLP; auto power on, rewind, play, stop, eject; comb filter. 15 3/8 x 4 x 11 5/8 in; 11 lb; approx. .... \$400

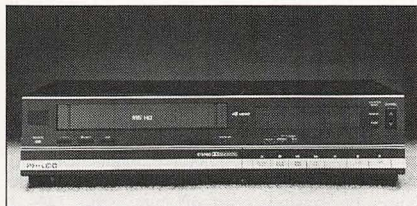
## PV-3700 VHS VCR

Table-model VHS VCR with Tech-3 video head system for playback effects. Features remote control; 3 video heads; 100-channel cable-compatible tuner; 2-event 7-day on-screen programming; fast search at 17 times normal speed, freeze frame, frame advance; one-touch record; HQ; plays and records in SP, SLP; auto power on, rewind, play, stop, eject; comb filter. 15 3/8 x 4 x 11 5/8 in; 11.2 lb ..... \$400

## PHILCO BY NAP

### VT8742AT VHS Stereo VCR

Table-model VHS stereo VCR with 41-function remote control. Features 4 video head system; 155-channel cable-compatible tuner; 8-event, 21-day remote control on-screen programming; MTS/SAP stereo decoder; fast search at 17 times



normal speed, double fine slow motion; HQ; play, stop, auto eject; channel lock; audio/video input/output jacks; linear Dolby stereo sound. 17 x 4 x 11 1/2 in ..... \$630

### VT8735AT VHS VCR

Table-model VHS VCR with 4 video head system. Features remote control; 100-channel cable-compatible tuner; 2-event, 7-day on-screen programming; fast search at 17 times normal speed, double fine slow motion; HQ; auto rewind, auto eject; auto power off; latching search; multi-function electronic display with auto dimmer; channel lock. 15 1/2 x 4 x 11 1/2 in ..... \$450

### VT8730AT VHS VCR

Table-model VHS VCR with 3 video head system. Features remote control; 100-channel cable-compatible tuner; 8-event, 21-day on-screen programming with memory back-up system; fast search at 17 times normal speed, slow motion; HQ; auto rewind, auto eject; auto power off; latching search; multi-function electronic display with auto dimmer; channel lock ..... \$450

### VT8725AT VHS VCR

Table VHS VCR with 3 video head system. Features remote control; 100-channel cable-compatible tuner; 2-event, 7-day programming with memory back-up system; fast search at 17 times normal speed, slow motion; HQ; auto rewind, auto eject; auto power off; latching search; multi-function electronic display with auto dimmer; channel lock. 15 1/2 x 4 x 11 1/2 in ..... \$400

## VT8720AT VHS VCR

Table-model VHS VCR with 3-video-head system. Features digital tracking system; remote control; 100-channel cable-compatible tuner; 2-event, 7-day programming with memory back-up system; fast search at 17 times normal speed; HQ picture-enhancement circuitry; auto eject; auto power off; latching search; multi-function electronic display with auto dimmer; channel lock. 15 1/2 x 4 x 11 1/2 in ..... \$380

## PHILIPS BY NAP

### VPH733TS S-VHS Hi-Fi VCR

Table-model S-VHS Hi-Fi VCR with bar-code programming. Features 42-function infrared remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event, 30-day on-screen programming; MTS/SAP stereo decoder; digital special effects include still, frame advance, variable slow, x2 play, double fine slow, fast search at 21 times normal speed in SLP mode; one-touch record; HQ; plays and records in SP and SLP; auto eject; auto power off; play, stop, eject; headphone jack with adjustable level ..... \$1,099

### VPH735TB VHS Hi-Fi Digital VCR

Table-model VHS Hi-Fi digital VCR with special effects. Features remote control; 4 video, 2 audio head system; digital 155-channel cable-compatible tuner; 8-event, 21-day remote control on-screen programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, strobe, multi-strobe, channel search, double fine slow motion, VCR still and TV still; fast search at 17 times normal speed in SLP mode; one-touch record with standby; HQ; auto power off, eject and index search; audio dubbing ..... \$1,099

### VPH731TH VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with 4 video, 2 audio head system. Features remote control; 155-channel cable-compatible tuner; 8-event, 21-day remote control on-screen programming; MTS/SAP stereo decoder; fast search at 17 times normal speed in SLP mode, double fine slow motion; HQ; plays and records in SP and SLP; auto eject/power off; digital tracking/slow tracking system; latching search; auto scan tuning ..... \$629

### VPH711TH VHS VCR

Table-model VHS VCR with 155-channel FS tuning. Features remote control; 4 video heads; cable-compatible tuner; 8-event, 30-day bar-code programming; effects include: still, frame advance, variable slow x2, fast search at 21 times normal speed in SLP mode, double fine slow motion; HQ; plays and records in SP and SLP; record auto off; vertical lock; latching search; multi-function display with auto dimmer; one touch recording with standby ..... \$499

## PIONEER

### VH-900 VHS Hi-Fi VCR with Remote

Features MTS/SAP stereo TV decoder; five video heads; two audio heads; HQ video circuits; two-



week four-event on-screen programming from wireless remote control; compatible with all Pioneer SR remote controls; 119-channel cable-compatible tuner; records in SP, LP, EP modes. Hi-fi soundtrack: frequency response 20-20,000 Hz; dynamic range greater than 80 dB; wow-and-flut-

ter less than 0.005% weighted root mean square. 17 1/8 x 3 3/4 x 13 1/2 in; 17 lb, 10 oz ..... \$999

## PORTAVIDEO

### VP-7700 Portable VCP/TV

VHS-format play-only portable videocassette player with integrated 5" color TV. Features SP play speed; frame advance; still frame; auto rewind; soft eject; soft-touch controls; built-in RF modulator; A/V outputs; includes carrying case. 22 x 6 x 16 in; 29 lb ..... \$995

### VP-3100 Portable Videocassette Player

VHS-format portable VCP. Features noiseless special effects; video dubbing; still frame; auto rewind; channel lock; audio dub; tape counter and reset button; soft eject mechanism; dew and power indicator lamps; soft-touch controls; video and audio outputs. Includes tamper-proof carrying case. Horizontal resolution 240 lines; video signal-to-noise 43 dB; audio frequency response 100-10,000 Hz; audio signal-to-noise 40 dB in normal mode; power requirements 120 V AC, 60 Hz. 10 5/8 x 12 5/8 in; 12 lb ..... \$299

## QUASAR

### VH5677 S-VHS Hi-Fi VCR

Super VHS VCR with bar-code programming and Hi-Fi stereo sound. Features 4 video heads; HQ; built-in MTS/SAP stereo decoder; 155-channel quartz tuner plus; auto set; one touch recording; 8-event, 30-day programming; calendar timer; on-screen display; VHS index/address search; 53-function universal remote control; field still/advance; variable double fine slow motion; forward/reverse search at 17 and 21 times faster than normal; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 16 1/16 x 3 1/4 x 13 1/16 in; 12.8 lb ..... \$1,120

### VH5975 VHS Hi-Fi Digital VCR

Digital VHS VCR with digital special effects and Hi-Fi stereo sound. Features 4 video heads; HQ; picture-in-picture; TV still; TV channel search; strobe/multi-strobe; slow/still; built-in MTS/SAP stereo decoder; 155-channel quartz tuner plus; auto set; one touch recording; 8-event, 21-day programming; on-screen display; 60-function universal remote control; field still/advance; variable double fine slow; forward/reverse search at 5 and 17 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 16 1/16 x 4 x 13 1/16 in .... \$1,030

### VH5675 VHS Hi-Fi VCR

VHS VCR with on-screen programming. Features 4 video heads; HQ; built-in MTS/SAP stereo decoder; 155-channel quartz tuner plus; auto set; one-touch recording; 8-event, 21-day programming; on-screen display; 54-function universal remote control; field still/advance; variable double fine slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; automatic power on/off; auto rewind; auto eject; auto dimmer. 16 1/16 x 4 x 11 5/8 in; 12.6 lb ..... \$650

### VH5479 VHS VCR with Special Effects

VHS VCR with digital special effects. Features 4 video heads; HQ; 155-channel quartz tuner plus; auto set; one-touch recording; 8-event, 21-day programming; on-screen display; 57-function universal remote control; field still/advance; variable double fine slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; automatic power on/off; auto rewind; auto eject; auto dimmer. 15 3/8 x 4 x 11 5/8 in; 12.1 lb ..... \$650

### VH5378 VHS VCR with Stereo Decoder

VHS VCR with Dolby stereo and built-in MTS/



# VIDEOCASSETTE RECORDERS

SAP stereo decoder. Features 3 video heads; HQ; 155-channel quartz tuner plus; auto set; one-touch recording; 8-event, 21-day programming; 42-function direct access remote control; field still/advance; variable field slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 16 $\frac{1}{2}$  x 4 x 11 $\frac{1}{2}$  in. .... \$530

## VHS379 VHS Digital VCR

VHS VCR with digital special effects. Features 3 video heads; HQ; 100-channel quartz tuner; one-touch recording; 2-event, 7-day programming; 31-function direct access remote control; field still/advance; variable field slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 15 $\frac{3}{8}$  x 4 x 11 $\frac{1}{2}$  in; 12.1 lb ..... \$520

## VHS477 Bar-Code VHS VCR

VHS VCR with bar-code programming. Features 4 video heads; HQ; 155-channel quartz tuner plus; auto set; one-touch recording; 8-event, 30-day programming; 49-function universal remote control; field still/advance; variable double fine slow motion; forward/reverse search at 7 and 21 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 15 $\frac{3}{8}$  x 3 $\frac{3}{4}$  x 11 $\frac{1}{2}$  in; 12.1 lb ..... \$500

## VHS471 VHS VCR

VHS VCR with on-screen programming and 4 video heads. Features HQ; 155-channel quartz tuner; 8-event, 21-day programming; 53-function universal remote control; field still/advance; variable double fine slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 15 $\frac{3}{8}$  x 4 x 11 $\frac{1}{2}$  in; 11.2 lb ..... \$420

## VHS371 VHS VCR

VHS VCR with on-screen programming and 3 video heads. Features HQ picture-enhancement circuitry; 155-channel quartz-synthesized tuner; 8-event, 21-day programming; 53-function universal remote control; field still/advance; variable field slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; automatic power on/off; automatic rewind; automatic eject; automatic dimmer. 15 $\frac{3}{8}$  x 4 x 11 $\frac{1}{2}$  in; 11.2 lb ..... \$400

## VHS470 VHS VCR

VHS VCR with 4 video heads. Features HQ; 100-channel quartz tuner; 2-event, 7-day programming; 27-function remote control; field still/advance; variable double fine slow motion; forward/reverse search at 5 and 17 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 15 $\frac{3}{8}$  x 4 x 11 $\frac{1}{2}$  in; 11.2 lb ..... \$390

## VHS370 VHS VCR

VHS VCR with 3 video heads. Features HQ; 100-channel quartz tuner; 2-event, 7-day programming; 27-function remote control; field still/advance; variable field slow motion; forward/re-

verse search at 5 and 17 times normal speed; double speed playback; auto power, rewind, eject, dimmer. 15 $\frac{3}{8}$  x 4 x 11 $\frac{1}{2}$  in ..... \$350

## VHS270 VHS VCR

VHS videocassette recorder with two video heads. Features HQ picture-enhancement circuitry; 100-channel quartz tuner; 2-event, 7-day programming; 14-function remote control; field still/advance; forward/reverse search at 17 times normal speed; double speed playback; auto power on/off; auto rewind; auto eject; auto dimmer. 15 $\frac{3}{8}$  x 4 x 11 $\frac{1}{2}$  in; 11.0 lb ..... \$330

## RCA

### VPT695HF S-VHS Digital Hi-Fi VCR

Table-model Super VHS Hi-Fi VCR with digital special effects. Features Dimensia interactive A/V system-remote compatibility; remote control; 3 video heads; 167-channel cable-compatible tuner; 8-event 1-year remote on-screen programming; MTS/SAP stereo decoder; on-screen graphics display; digital special effects include picture-in-picture, variable mosaic and posterization, multiplex (samples 12 active channels, or 12 consecutive frames from TV/tape), 2-speed visible picture search, variable slow motion, freeze frame, frame advance; delayed-start one-touch record; VHS indexing system; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop; video and audio dubbing; record-level meters; left and right input-level controls; headphone jack. Horizontal resolution 400 lines; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range >80 dB. 14 $\frac{5}{8}$  x 4 x 14 $\frac{1}{4}$  in ..... \$1,299

### VPT640HF S-VHS Hi-Fi VCR

Table-model Super VHS Hi-Fi VCR with Dimensia interactive A/V system-remote compatibility. Features remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event 1-year remote on-screen programming; MTS/SAP stereo decoder; on-screen graphics display; 2-speed visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record;



HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop; record-level meters; left and right input-level controls; headphone jack. Horizontal resolution 400 lines; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range >80 dB. 14 $\frac{5}{8}$  x 3 $\frac{3}{8}$  x 14 in; 14.5 lb ..... \$999

### VPT630HF VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with Dimensia interactive A/V system-remote compatibility. Features remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event 1-year remote on-screen programming; MTS/SAP stereo decoder; on-screen graphics display; 2-speed visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop; record-level meters; left and right input-level controls; headphone jack. Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range >80 dB. 14.5 lb ..... \$799

### VPT595 VHS Digital Stereo VCR

Table-model VHS VCR with digital special effects. Features linear stereo record/playback with

Dolby NR; remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event 1-year remote on-screen programming; MTS/SAP stereo decoder; on-screen graphics display; digital special effects include picture-in-picture, mosaic and posterization, multi-pix (samples 12 active channels, or 12 consecutive frames from TV/tape), 2-speed visible picture search, variable slow motion, freeze frame, frame advance; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop; audio-level meters; headphone jack. 14 $\frac{5}{8}$  x 3 $\frac{3}{4}$  x 13 $\frac{1}{2}$  in; 14.6 lb ..... \$795

### VPT495 VHS Digital Stereo VCR

Table-model VHS VCR with digital picture-in-picture. Features linear stereo record/playback with Dolby NR; remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event 1-year remote on-screen programming; MTS/SAP stereo decoder; on-screen graphics display; visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop; audio-level meters. 14 $\frac{5}{8}$  x 3 $\frac{3}{8}$  x 13 $\frac{1}{2}$  in; 14.6 lb ..... \$649

### VPT490 VHS Digital VCR

Table-model VHS VCR with digital picture-in-picture. Features remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event 1-year remote on-screen programming; on-screen graphics display; visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop. 14 $\frac{5}{8}$  x 3 $\frac{3}{8}$  x 13 $\frac{1}{2}$  in; 14.3 lb ..... \$549

### VPT395 VHS Stereo VCR

Table-model VHS VCR with built-in MTS/SAP decoder. Features remote control; 3 video heads; linear stereo record/playback with Dolby NR; 120-channel cable-compatible tuner; 6-event 1-year remote on-screen programming; on-screen graphics display; visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ picture-enhancement circuitry; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop. 14 $\frac{5}{8}$  x 3 $\frac{3}{4}$  x 13 $\frac{1}{2}$  in; 14 $\frac{5}{8}$  lb ..... \$549

### VPT296 VHS Stereo VCR

Table-model VHS VCR with built-in MTS/SAP decoder. Features remote control; 2 video heads; linear stereo record/playback with Dolby NR; 111-channel cable-compatible tuner; 6-event 1-year remote programming; high-speed visible picture search/stop action; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop. 14 $\frac{5}{8}$  x 3 $\frac{3}{4}$  x 13 $\frac{1}{2}$  in; 14.3 lb ..... \$449

### VPT295 VHS Stereo VCR

Table-model VHS VCR with built-in MTS/SAP decoder. Features remote control; 2 video heads; linear stereo record/playback with Dolby NR; 111-channel cable-compatible tuner; 4-event 1-year remote programming; high-speed visible picture search/stop action; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop. 14 $\frac{5}{8}$  x 3 $\frac{3}{8}$  x 13 $\frac{1}{2}$  in; 14.3 lb ..... \$449

### VPT390 VHS VCR

Table-model VHS VCR features remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event/1-year remote on-screen programming; on-screen graphics display; visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ circuitry; plays and records in SP, LP, SLP; automatic power on, rewind-power off, play, stop. 14 $\frac{5}{8}$  x 3 $\frac{3}{4}$  x 13 $\frac{1}{2}$  in ..... \$429

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



## 8mm CAMCORDERS



Olympus  
VX802

8MM CAMCORDERS.....  
OLYMPUS VX802 LOW PRICE  
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JVC JXW9 \$319  
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JVC CGP50 CHAR/GEN \$99  
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L750 HDPRO \$499

## CAMCORDERS



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SONY CCDV9 & CCDV5 CALL  
SONY CCDV3 w/case \$799  
SONY CCDV110 \$1199

## 8mm CAMCORDERS



Pentax  
PVC 850

8MM CAMCORDERS.....  
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PENTAX PVC 850 CALL  
RICOH 600 CALL

## VHSC CAMCORDERS



Minolta  
CR3300

VHS-C CAMCORDERS.....  
RCA CPR100 w/case \$895  
HITACHI VMC 30A CALL  
MINOLTA CR3300 SUPER LOW PRICE  
PANASONIC PV110 \$1099  
ZENITH VM 6200 \$820  
GE 9712 H/CASE \$999  
QUASAR VM50 CALL  
JVC GRC7U \$900  
ZENITH 6300 \$995

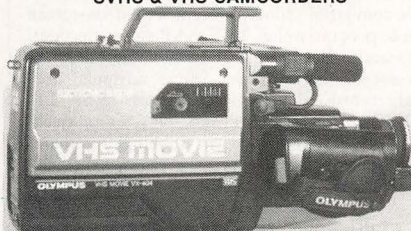
## 8mm CAMCORDERS



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Canovision 8

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Macro Infrared Auto Focus, 2-Hour Recording Capability

## SVHS & VHS CAMCORDERS



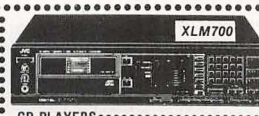
VHS & SVHS CAMCORDERS.....  
VHS-FULL 7 LUX CCD \$899  
GE 9806 \$3995  
PANASONIC PV320 \$1045  
PANASONIC AG160 \$1295  
HITACHI VM3000 CALL  
MINOLTA V1400S LOW PRICE

OLYMPUS VX505 CALL  
PENTAX PCC66 CALL  
SHARP VCC20 \$899  
PV 350 1 LUX PANA LOWEST  
VM22 1 LUX QUASAR PRICE



AUDIO HI-FI RECEIVERS.....  
JVC RX550 \$325  
JVC RX950 \$475  
JVC DOLBY SURROUND SUA30 \$199  
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SONY STRAV850 CALL  
SONY ST77V & SE5430 IN STOCK  
KENWOOD CALL  
PIONEER VSX5000 \$399

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JVC GX4R \$825  
FISHER 6760 CALL  
FISHER 6780 CALL  
SANYO SYSTEM GXT747A \$150  
SONY 8700 CD \$1050



CD PLAYERS.....  
JVC XLM 1100 \$599  
JVC XLM700 \$379  
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PIONEER PDM70 CALL  
SONY CDP5C SPECIAL  
SONY CDP510 \$229  
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SONY CDP910 SPECIAL  
MAGNAVOX CDB650 \$350  
SONY CDP310 REMOTE \$199  
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SONY TCWR750 IN STOCK  
SONY TCWR950 CALL  
JVC TDW60 CALL  
SONY TCW503 \$299



CAR STEREO & RADAR DETECTOR.....  
RADAR BEL QUANTOM 880 \$190  
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PHONES.....  
BELL FF1700 \$118  
SONY ITM600 \$179  
SONY SPP110 \$139  
SONY SPP310 \$209





# VIDEOCASSETTE RECORDERS

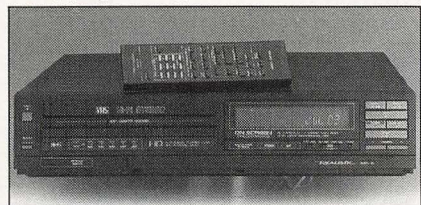
## VPT385 VHS VCR with Remote

Table-model VHS VCR features remote control; 3 video heads; 120-channel cable-compatible tuner; 6-event/1-year remote programming; visible picture search; slow motion; freeze frame; frame advance; delayed-start one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind-power off, play, stop. 14 $\frac{5}{8}$  x 3 $\frac{3}{4}$  x 13 $\frac{3}{8}$  in; 14.3 lb ..... \$399

## REALISTIC

### Model 43 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with on-screen programming. Features 33-function remote control; 111-channel cable-compatible tuner; 5-event, 14-day programming; MTS/SAP stereo decoder;



fast search; slow motion; freeze frame; one-touch recording; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; 5-step audio level meter; 3 $\frac{7}{8}$  x 17 $\frac{1}{4}$  x 15 $\frac{1}{2}$  in ... \$600

### Model 33 VHS VCR

Table-model VHS VCR with Dolby stereo. Features 19-function remote control; 110-channel cable-compatible tuner; 6-event, 14-day on-screen programming; fast search; slow motion; freeze frame; one-touch recording; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; 5-step audio level meter; 3 $\frac{7}{8}$  x 16 $\frac{1}{2}$  x 12 $\frac{3}{8}$  in ..... \$500

### Model 70 VHS VCR

Table-model VHS VCR with on-screen programming and special effects. Features remote control; 100-channel cable-compatible tuner; 8-event, 21-day on-screen programming; digital special effects include picture-in-picture and video memory; fast search; slow motion; freeze frame; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; comb filter; 15 $\frac{5}{16}$  x 4 $\frac{1}{16}$  x 11 $\frac{1}{16}$  in ..... \$500

### Model 24 VHS VCR

Table-model VHS VCR with on-screen programming and four video heads. Features remote control; 111-channel cable-compatible tuner; 4-event, 14-day on-screen programming; fast search; slow motion; freeze frame; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; comb filter; 17 $\frac{1}{16}$  x 3 $\frac{7}{8}$  x 13 $\frac{3}{16}$  in ..... \$470

### Model 23 VHS VCR

Table-model VHS VCR with on-screen programming and four video heads. Features remote control; 111-channel cable-compatible tuner; 4-event, 14-day on-screen programming; fast search; slow motion; freeze frame; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; comb filter; 17 $\frac{1}{16}$  x 3 $\frac{7}{8}$  x 13 $\frac{3}{16}$  in ..... \$470

### Model 19 VHS VCR with Remote

Table-model VHS VCR with on-screen programming. Features remote control; 111-channel ca-

ble-compatible tuner; 4-event, 14-day on-screen programming; fast search; slow motion; freeze frame; frame advance; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject; comb filter; 16 $\frac{1}{2}$  x 3 $\frac{7}{8}$  x 12 $\frac{3}{8}$  in ... \$350

## Model 10 VHS Videocassette Player

Videocassette player without recording capability. Features automatic tape speed selection; selectable automatic rewind/shutoff or rewind/replay; forward/reverse picture search; carrying handle; audio/video outputs ..... \$200

## SAMSUNG

### VR6600F Hi-Fi VHS VCR

Table-model VHS Hi-Fi VCR features remote control; 2 video heads; 110-channel cable-compatible tuner; 6-event 14-day programming; MTS/SAP stereo decoder; one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play; record-level meters; left and right input-level controls. Horizontal resolution 240 lines; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range 80 dB. 16 $\frac{3}{8}$  x 3 $\frac{3}{8}$  x 13 $\frac{1}{2}$  in; 16 $\frac{1}{2}$  lb ..... \$650

## SANSUI

### SV-R9500 HQ MTS Stereo VCR

4 head VHS-format table-top VCR with HQ circuitry. Still frame; one-touch recording; counter memory/remaining time indicator; Hi-Fi sound;



auto rewind; auto fine tuning; audio and video dubbing; remote control; 108 channel cable-ready tuner; auto fine tuning. 17 x 4 x 13 inches; 17 lb ..... \$900

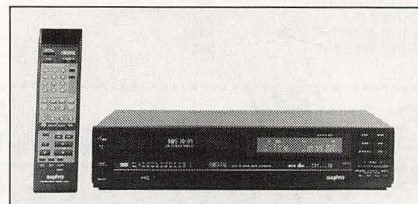
### SV-R7700 4-Head HQ VCR

VHS-format table-top VCR with HQ circuitry. Rapid-search speeds; 14-day/4-event timer; frame advance; auto play; memory play; auto backspacing; infrared remote control; 108 channel cable-ready; video dub; still frame; auto rewind; audio dub; 4 heads; auto power on/off. 17 $\frac{3}{16}$  x 19 $\frac{3}{4}$  x 13 $\frac{1}{8}$  inches; 15 $\frac{1}{5}$  lb ..... \$600  
SV-R5700. Similar to above except 2 head. 19 x 3 $\frac{3}{4}$  x 13 $\frac{1}{8}$  inches; 15 $\frac{1}{2}$  lb ..... \$550

## SANYO

### VHR3950 VHS Digital Hi-Fi VCR

Table-model VHS Hi-Fi VCR with digital special effects. Features remote control; 4 video heads;



111-channel cable-compatible tuner; 4-event 14-day on-screen programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, mosaic, solarization, multi-still and strobe; slow motion, freeze frame, frame advance; one-touch record; HQ picture-enhancement circuitry; plays and records in SP, LP, SLP speeds; auto power on, rewind, play, stop, eject; channel lock; record-level meters; left and right input-level controls. Video signal-to-noise ratio >45 dB

(SP); Hi-Fi audio dynamic range 90 dB. 17 $\frac{5}{16}$  x 3 $\frac{3}{4}$  x 15 $\frac{1}{16}$  in; 19.6 lb ..... \$750

## VHR1900 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with noise-free special effects. Features built-in MTS/SAP decoder; HQ circuitry; wireless remote control; SP, LP, EP play and record speeds; 4-head video system; variable slow motion; high-speed search; freeze frame with frame advance; 107-channel cable-compatible tuner; direct-access tuning; 8-event/14-day timer; one-touch recording; picture detail and sharpness adjustment; auto rewind, memory rewind; auto playback; auto power on; power failure backup. Horizontal resolution 240 lines; video S/N 45 dB; audio FR 20-20,000 Hz  $\pm$  3 dB in Hi Fi mode; 16 $\frac{1}{2}$  x 3 $\frac{7}{8}$  x 14 $\frac{3}{4}$  in; 19 lb ..... \$630

## VHR2900 Hi-Fi Videocassette Recorder

Table-model VHS VCR with Hi-Fi stereo sound. Features built-in MTS/SAP decoder; detail-enhancement circuit; sharpness control; wireless remote; 1-year 8-event on-screen programming; on-screen display of channel, tape counter, time and date, tape transport mode, and tracking; one-touch recording; linear stereo with Dolby NR playback only; SP, LP, EP play and record speeds; 111-channel cable-ready tuner; auto rewind, memory rewind; auto playback; auto power on. Horizontal resolution 240 lines; video S/N 45 dB; audio FR 20-20,000 Hz  $\pm$  3 dB Hi-Fi mode; 16 $\frac{1}{2}$  x 3 $\frac{7}{8}$  x 14 $\frac{3}{4}$  in; 19 lb ..... \$580

## VHR3700 VHS Stereo VCR

Table-model VHS VCR with 3-head double-azimuth special effects. Features 30-function TV/VCR remote control; 3 video heads; 111-channel cable-compatible tuner; 4-event 1-year on-screen remote programming; MTS/SAP stereo decoder; fast search; slow motion at  $\frac{1}{5}$  and  $\frac{1}{10}$  times normal speed; freeze frame; frame advance; one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject/power off; edit switch (when dubbing, eliminates the picture stabilizing signals necessary for receiving over-the air TV broadcasts); record-level meters; linear Dolby stereo playback/record. Video S/N 45 dB; audio S/N 42 dB. 16 $\frac{3}{8}$  x 3 $\frac{3}{8}$  x 13 $\frac{3}{4}$  in; 16.3 lb ..... \$500

## VHR3350 VHS VCR

Table-model VHS VCR with remote timer programming. Features 25-function TV/VCR remote control; 111-channel cable-compatible tuner; 4-event 1-year on-screen remote programming; fast search; freeze frame; frame advance; one-touch record; HQ; plays and records in SP, LP, SLP; auto power on, rewind, play, stop, eject/power off. Video S/N 45 dB. 16 $\frac{3}{8}$  x 3 $\frac{3}{8}$  x 13 $\frac{3}{4}$  in; 16.3 lb ..... \$350

## VHR2550 VHS Stereo VCR

VHS-format table-top VCR features linear stereo with Dolby NR; remote control; 111-channel direct-access cable-ready tuner; 14-day/8-event timer; one-touch recording; SP, LP, EP play and record speeds; still frame; frame advance; high-speed search; auto rewind; memory rewind; auto power on; auto playback; power failure back up; sharpness control; horizontal resolution 240 lines; video S/N 45 dB; audio FR 50-10,000 Hz  $\pm$  3 dB; audio S/N >46 dB (Dolby on); 16 $\frac{1}{2}$  x 3 $\frac{7}{8}$  x 14 $\frac{1}{2}$  in; 16.25 lb ..... \$350

## VHR1600 VHS VCR

VHS-format table-top VCR with HQ circuitry. Features 3-head video system for noiseless special effects; double-speed playback; high-speed search; still frame; frame advance; remote control; direct-access cable-ready tuner; 14-day/8-event timer; one-touch recording; SP, LP, EP play and record speeds; auto rewind; memory rewind; auto power on; auto playback; power failure back up; sharp-

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



## VIDEOCASSETTE RECORDERS

ness control; horizontal resolution 240 lines; video S/N 45 dB; 16 1/2 x 3 7/8 x 14 1/2 in ..... \$350

### SCOTT

#### SVR-510D VHS Hi-Fi Digital VCR

Table-model VHS Hi-Fi VCR with 4 video heads. Features remote control; 124-channel cable-compatible tuner; 4-event/14-day on-screen programming; MTS/SAP stereo decoder; digital special effects include freeze frame, slow motion, frame advance, picture search, double speed play, off-air still picture, cue and review; one-touch record; HQ; auto power on, rewind, play, eject; comb filter. 17 1/4 x 4 x 13 1/4 in ..... \$850

#### SVR-504S VHS Hi-Fi VCR

VHS-format table-top VCR with built-in MTS/SAP stereo decoder. Converts any TV to stereo. Features HQ circuitry; Hi-Fi sound; remote control; 3 play speeds, 2 record speeds; 14-day/8-event timer; noiseless special effects; remote pause; still frame; auto fine tuning; audio dubbing; one-touch recording; 4 video heads; 16-channel presets; LED record-level indicators; headphone jack; 139-channel cable-ready tuner; simulcast switch. Horizontal resolution 525 lines; 17 x 4 3/8 x 13 in; 21 lb ..... \$600

#### SVR-330S VHS Hi-Fi VCR

VHS-format table-top VCR with built-in MTS/SAP stereo decoder. Converts any TV to stereo.

Features HQ circuitry; Hi-Fi sound; remote control; 3 play speeds, 2 record speeds; 14-day/4-event timer; remote pause; auto fine tuning; audio dubbing; one-touch recording; 2 video heads; 16 channel presets; LED record-level indicators; headphone jack; 139-channel cable-ready tuner; simulcast switch. Horizontal resolution 525 lines; 17 x 4 3/8 x 13 in; 20 lb ..... \$500

#### SVR-240 Remote-Controlled VHS VCR

Table-model VHS VCR with 4 video heads. Features 31-function wireless remote control; 124-channel cable-compatible tuner; 4-event/14-day on-screen programming; recording/playback in SP, LP and SLP modes; one-touch record; HQ; auto power on, rewind, play, stop, eject; comb filter; editing mode; audio/video input/output jacks ..... \$450

#### SVR-200S MTS Stereo VCR

VHS-format table-top VCR with built-in MTS/SAP stereo decoder. Converts any TV to stereo. Features HQ circuitry; 21-function wireless remote control; linear stereo; Dolby NR; cable ready; still frame; one-touch recording; 2 video heads; 1 stereo audio head; 12 channel presets; headphone jack; 3 play speeds, 2 record speeds; 14-day/4-event timer. Horizontal resolution 525 lines. 17 x 4 3/8 x 13 in; 20 lb ..... \$430

#### SVR-120 Remote-Controlled VHS VCR

Table-model VHS VCR with wireless remote

control. Features full 4-stage HQ circuitry; comb filter; 124-channel cable-compatible tuner; 4-event/14-day programming; recording/playback in SP, LP and SLP modes; automatic power on/off, play, rewind, eject; one-touch record; audio/video input/output jacks. 17 1/4 x 4 x 13 1/4 in; 14.4 lb ..... \$400

#### SVR-115 Remote-Controlled VHS VCR

Table-model VHS videocassette recorder with 8-event/28-day programming. Features 110-channel cable-compatible tuner; 23-function wireless remote control; one-touch recording; recording/playback in SP, LP and SLP modes; automatic play, replay rewind; audio/video input/output jacks; speed search; still frame. 15 x 3 7/10 x 14 in; 14 lb ..... \$380

### SEARS

*All weights are shipping weights.*

#### 57 E 53521C Digital VHS Stereo VCR

HQ VCR with MTS decoder for stereo TV broadcasts. Features remote control; Dolby linear stereo sound; programs four events over one year with on-screen menu; special effects include strobe, picture-in-picture, visual channel scan (shows twelve channels at once), clear slow motion; three video heads; quartz tuner for 120 channels; HQ picture-enhancement circuits. 17 x 4 x 14 in; 20 lb ..... \$630

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# VIDEOCASSETTE RECORDERS

## 57 E 5351C HQ VHS Stereo VCR

Features on-screen programming; programs four events over one year with remote; Dolby linear stereo recording and play; quartz tuning; 119-channel quartz tuner; four heads; direct channel access with remote. 17 x 4 x 14 in; 20 lb. \$390

## 57 E 53451C MTS Stereo VHS VCR

Features MTS stereo-TV decoder; Dolby linear stereo; 111-channel quartz tuner; 27-function remote control programs four-event one-year timer from on-screen menu; direct channel access from remote; visual search; HQ circuits. 17 x 4 x 14 in; 20 lb. \$390

57 E 53298C. Similar to above but lacks MTS decoder and stereo sound. 17 x 4 x 13 in. \$295

## 57 E 5351C Stereo VHS VCR

Features Dolby stereo sound; 25-function remote control; 119-channel tuner; programs four events over two weeks. 17 x 4 x 14 in; 20 lb. \$330

## 057 E 53295C HQ VHS VCR

Features remote control with direct channel access; 108-channel tuner. 17 x 4 x 14 in. \$250

### SHARP

#### VC-H65U Stereo Hi-Fi VCR

VHS table-top VCR with MTS decoder for stereo broadcasts and VHS Hi-Fi depth-multiplex recording. Features HQ circuitry with double comb filter; 14-day/6-event daily/weekly repeat programmable timer; 110-channel cable-compatible PLL-synthesized tuner; 23-function wireless remote control; auto power on/playback/rewind function; one-touch recording; 15x search; automatic program search system; still frame in EP; fluorescent dual-time display; electronic 4-digit tape counter; 8-hour recording and playback; microcomputer-controlled power-assist drive; tuner/simulcast/auxiliary input selector; auto TV/VCR output selector; headphone jack with adjustable level; dew sensor and warning indicator; built-in RF converter; program memory backup system. \$820

#### VC-799U VHS Stereo VCR

Table-model VHS VCR with MTS/SAP stereo TV decoder. Features 40-function remote control with LCD readout (for programming while away from VCR: remote confirms programming information to transfer to VCR at later time); four video heads; 140-channel PLL-synthesized tuner; double-speed play; six-event fourteen-day on-screen programming; Simple Recording Timer with automatic return; HQ (raised white-clip level and detail enhancement); plays and records in SP, LP, EP; mutes audio and turns screen blue at end of tape; auto play, rewind, eject, repeat; double comb filter. Horizontal resolution 240 lines in SP; video S/N 45 dB in SP; audio frequency response 80-10,000 Hz in SP; audio S/N 40 dB; T-120 rewind time <5 minutes. 17 x 32 1/2 x 13 3/4 in; 15.2 lb. \$750

VC-798U. Similar to above except lacks 4 Head Plus feature; remote has 38 functions; tuner has 110 channels; has double-speed play forward or reverse, slow motion, freeze frame, frame advance. \$700

## VC-7977U VHS 4-Head HQ VCR

Table-model VHS VCR with four heads for clear freeze frame, frame advance, and slow motion (one-fifth to one-thirtieth normal speed). Features 28-function remote control; 110-channel cable-compatible tuner; two-speed picture search (5x or 7x in SP and LP, 9x or 15x in EP); four-event fourteen-day on-screen programming; Simple Recording Timer with automatic return; HQ (higher white-clip level and detail enhancement); plays and records in SP, LP, EP; auto power on, play, repeat; mutes audio and turns screen blue at end of tape; double comb filter. Horizontal resolution 240 lines in SP; video signal-to-noise ratio 50 dB in SP; audio S/N 50 dB; video S/N 45 dB in SP; T-120 rewind time less than 5 minutes. 16 1/2 x 32 1/2 x 13 3/4 in; 13.8 lb. \$660

VC-Q77U. Similar to above except has VSC accelerated audio for noise-free high-speed play without increasing the pitch of the soundtrack and 18-function remote control; voltage-synthesized tuner. Lacks on-screen programming; auto power on. 14.5 lb. \$550

## VC-800U Digital VHS VCR

Digital special effects include channel search (to display still pictures from nine different channels simultaneously), picture-in-picture, freeze frame, and digital strobe; on-screen programming; mutes audio and turns screen blue at end of tape; HQ picture enhancement; double comb filter; programs four events over two weeks with daily or weekly repeat; 35-function remote control; 110-channel PLL-quartz-synthesized tuner; automatic power on, rewind, play, and repeat. \$600

## VC-787U VHS HQ VCR with Remote

HQ system with double comb filter; two-week two-event timer with daily and weekly repeat recording; 110-channel PLL tuner; 24-function remote control; on-screen timer with programming confirmation; Blue Screen noise elimination system; automatic power on, playback, rewind; video search at nine or fifteen times normal speed forward or reverse in EP; freeze frame in EP; clean editing system. \$580

## VC-7857U Stereo VHS VCR with Remote

MTS/SAP decoder for stereo TV broadcasts; linear stereo recording and play; HQ picture enhancement with double comb filter; programmable for four events over two weeks with repeat of daily or weekly programs; 110-channel PLL tuner; 25-function remote control; on-screen timer with programming confirmation; automatic power on, play, repeat, return, and rewind; video search at fifteen or nine times normal speed in forward or reverse in EP; Simple Recording timer; clean editing system. \$550

## VC-7855U HQ VHS VCR with Remote

Features HQ picture enhancement (higher white-clip level and detail enhancement) with double



comb filter; automatic power on, play, rewind, eject, power off; two-speed (9x or 15x normal) search in forward or reverse in EP; 14-day 4-event programming with daily or weekly repeat; 13-function remote; 110-channel cable-compatible voltage-synthesized tuner with ten presets; freeze frame. Horizontal resolution 240 lines in SP; video S/N 50 dB in SP; audio frequency response 80-10,000 Hz in SP; audio S/N 45 dB. 16 1/2 x 32 1/2 x 12 5/8 in; 13.3 lb. \$530

VC-7854U. Similar to above except has MTS/SAP decoder for stereo TV broadcasts; records and plays in linear stereo; freeze frame in EP; En-

hanced Simple Recording system. 15.2 lb. \$500

VC-7995U. Similar to above except has double-azimuth four-head system for clear freeze frame, frame advance, and clear slow motion variable from 1/5th to 1/30th normal speed; lacks MTS/SAP stereo TV decoder, stereo recording and play, and Simple Recording System. \$500

## VC-D75U Digital VHS VCR

Digital special effects include variable strobe playback and freeze frame for broadcast or taped images. Features HQ picture enhancement with double comb filter; programs four events over two weeks with daily or weekly repeat; 17-function remote control; 110-channel voltage-synthesized tuner with sixteen presets; automatic power on, play, return, rewind; video search in forward or reverse at nine or fifteen times normal speed in EP; Simple Recording Timer; clean editing system. \$499

## VC-7843U HQ VHS VCR with Remote

HQ picture enhancement (higher white-clip level, detail enhancement) with double comb filter; two-speed (9x or 15x normal) video search in EP; two-week two-event timer with Programming Guidance System with daily or weekly repeat; auto power and rewind; eleven-function remote control; 110-channel voltage-synthesized tuner with sixteen presets; freeze frame in EP. Horizontal resolution 240 lines in SP; video S/N 50 dB in SP; audio frequency response 80-10,000 Hz in SP; audio signal-to-noise ratio 45 dB. 16 1/2 x 32 1/2 x 12 5/8 in; 13.3 lb. \$430

### SHINTOM

#### 4010 Remote-Controlled VHS VCR

Table-model VHS VCR with 11-function wireless remote control. Features 110-channel cable-compatible tuner; 6-event/14-day programming; auto playback; auto power off; HQ; front-loading; one-touch recording; fluorescent indicator panel; European styling. 16 1/2 x 31 5/8 x 14 1/8 in. \$306

4020. As above, with conventional styling. \$300

#### 4030N Remote-Controlled VHS VCR

Table-model VHS VCR with one-touch recording. Features 11-function wireless remote control; 110-channel cable-compatible tuner; HQ; 6-event/14-day programming; fluorescent indicator panel; auto playback; auto power off. 16 1/2 x 31 5/8 x 14 1/8 in; 18 1/2 lb. \$300

4040N. As above in silver. \$290

## VP-2000 VHS Videocassette Player

Portable videocassette player without recording capability. Features three playback speeds; carrying case; visual search in fast forward and reverse; freeze frame; fine tuning control; auto rewind; auto TV/VCR switching; up to 8 hours of playback in EP mode. 15 1/2 x 5 1/2 x 16 in, 16.9 lb in carrying case. \$290

### SONY

#### Beta-Format VCR's

#### SL-HF1000 SuperBeta Hi-Fi VCR

SuperBeta VCR with special editing features; Hi-Fi sound; Super Hi-Band Beta I recording and play; MTS/SAP decoder for stereo TV broad-



The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



# VIDEOCASSETTE RECORDERS

casts; character generator with eight-page titling memory; eight-part programmable assemble editing; freeze frame; 126-channel cable-compatible tuner; frame counter for hours, minutes, seconds, frames; auto title insertion; picture search at 15x normal speed; slow motion; auto A/V insert editing; dual flying erase heads; frame recording; pre-roll editing with linear time and frame counter; jog/shuttle variable-speed search dial on deck and remote; wireless remote control for VCR and Sony TV's; eight-event three-week timer; on-screen editing, programming, timer setting, tape counter, and transport-function display; includes antenna adaptor, coaxial cable, audio cable. Hi-Fi audio specs: dynamic range >80 dB; frequency response 20-20,000 Hz  $\pm$  3 dB; wow-and-flutter <0.005% .....\$1,700

## SL-HF860D Digital SuperBeta Hi-Fi VCR

SuperBeta VCR with digital special effects for jitterless stop motion, slow motion, Flash Motion with sound (freezing still images on screen for periods adjustable between 1/8th and 4 seconds), Multi-Strobe (for nine or sixteen images on screen at once), Zoom (to enlarge part of picture four times), Mosaic, and Picture Art (solarization), Recall (to view last stored image), Scan (at up to 60 times normal speed), and movable picture-in-picture. Features remote control; cable-compatible tuner; six-event seven-day programming; MTS/SAP stereo decoder; headphone jack with adjustable level; edit switch; S terminal output; front-panel audio/video inputs; counter displays hours, minutes, and seconds .....\$1,100  
**SL-HF840D.** Similar to above except lacks some digital special effects .....\$750  
**SL-810D.** Similar to above except lacks MTS decoder and Beta Hi-Fi .....\$550

## SL-HF350 SuperBeta Hi-Fi VCR

Table-model Hi-Fi VCR with SuperBeta circuits providing a picture 20% sharper than conventional Betamax VCR's. Features remote control of tuning, power, record, play, search, fast forward, and rewind; cable-compatible tuner; six-event seven-day programming; special effects include fast search at fifteen times normal speed; counter displays time in hours, minutes, and seconds .....\$550  
**SL-300.** Similar to above except lacks Hi-Fi sound; has color-correction switch to adjust color balance and hue during play, sharpness control, tracking control; automatic play in Beta I speed .....\$400

## 8mm-Format VCR's

### EV-S1 Digital-Sound 8mm VCR

Lightweight table-model 8mm VCR with PCM digital stereo sound and Theater Sound for surround-sound effect. Features ten-key wireless remote control; 2 video heads plus special-effect head and flying-erase head; 152-channel cable-compatible tuner with ninety-nine presets; three-event two-week programming; MTS/SAP stereo decoder; special effects include fast search at two times normal speed (with sound), visible picture in fast forward and rewind, clear slow motion at 1/5th and 1/10th normal speed, clear freeze frame, frame advance; detachable handle; Control S connector; records and plays in SP and EP speeds (maximum of 4 hours on one tape); edit switch; PCM audio dubbing for adding soundtracks in digital; standard AFM audio recording; case and car-battery cord optional. Audio specs: dynamic range 88 dB; sampling frequency 31.5 kHz; quantization 10-bit linear sampling compounded to 8 bits nonlinear; wow-and-flutter <0.005%. 10 1/2 x 2 3/4 x 8 3/16 in; 5 lb, 12 oz .....\$900

### EV-A80 8mm VCR with Remote

Table-model 8mm VCR with remote control of tuning, power, TV/VCR switching. Features

mono AFM sound; flying erase head; M&F (Micro and Fine) recording head for metal-powder and metal-evaporated tape; 148-channel cable-compatible tuner; three-event seven-day programming; MTS/SAP stereo decoder; special effects include fast search, clear slow motion at 1/5th or 1/10th normal speed, clear freeze frame, frame advance; automatic play, rewind, and eject; records for 4 hours in LP mode, 2 hours in SP on P6-120 tape. 14 x 3 3/8 x 14 in; 13 lb, 5 oz .....\$550

## SYLVANIA BY NAP

### VC8972AT VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with on-screen programming. Features 44-function remote control; 4 video, 2 audio heads; 155-channel cable compatible random access frequency synthesized tuner; 8-event, 21-day programming; MTS/SAP stereo decoder; fast search 17 times normal speed, double fine slow motion; HQ; auto scan tuning; auto eject; auto power off; auto rewind; auto pause/still release; channel lock; 8 hour maximum recording time. 17 x 4 x 11 1/2 in ....\$799

### VC8954AT VHS Stereo VCR

Table-model VHS stereo VCR with stereo sound and Dolby noise reduction. Features 27 function remote control; 4 video heads; 155-channel cable compatible tuner; 8-event, 21-day programming with memory back-up system; built-in MTS/SAP stereo decoder; fast search 17 times normal speed; double fine slow motion; HQ; auto scan tuning; auto eject; auto rewind; audio/video input/output jacks. 17 x 4 x 11 1/2 in .....\$679

### VC8952AT VHS VCR with Remote

Table-model VHS VCR with remote-control on-screen programming. Features remote control; 4 video heads; 155-channel cable-compatible tuner; 8-event 21-day programming; fast search at 17 times normal speed, double fine slow motion; HQ; auto eject; auto power off; latching search; multi-function electronic display with auto dimmer; audio/video input/output jacks. 15 1/2 x 4 x 11 1/2 in .....\$549

### VC8946AT VHS VCR with Remote

Table-model VHS VCR with 4 video head system. Features remote control; 100-channel cable compatible tuner; 2-event, 7-day programming; fast search at 17 times normal speed, double fine slow motion; HQ; auto eject; auto rewind; channel lock; latching search; audio/video input/output jacks. 15 1/2 x 4 x 11 1/2 in .....\$499

### VC8942AT VHS VCR with Remote

Table-model VHS VCR with on-screen programming. Features remote control; 100-channel cable-compatible tuner; 8-event, 21-day programming; fast search at 17 times normal speed; HQ; auto eject; auto rewind; channel lock; audio/video input/output jacks .....\$499

### VC8936AT VHS VCR with Remote

Table-model VHS VCR with 3 video head system. Features remote control; 100-channel cable-compatible tuner; 2-event, 7-day programming with memory back-up system; fast search at 17 times normal speed; HQ; auto eject; latching search auto rewind; channel lock; audio/video input/output jacks. 15 1/2 x 4 x 11 1/2 in ....\$449

### VC8922AT VHS VCR with Remote

Table-model VHS VCR with FS random access tuning. Features remote control; 100-channel ca-

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.

ble compatible tuner; 2-event, 7-day programming with memory back-up system; fast search at 17 times normal speed; HQ; channel lock; auto eject; latching search; auto rewind; digital tracking system. 15 1/2 x 4 x 11 1/2 in .....\$429

## SYMPHONIC BY FUNAI

### 6000 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with headphone jack and independent volume control. Features tracking control; audio level meter; HQ; 2 video heads; 16-function remote control; 6-event/14-day on-screen programming; quick time recording; one-touch recording; auto power on/off, rewind, eject; 139-channel cable-compatible tuner; forward/reverse search; built-in MTS/SAP stereo decoder. 16 1/2 x 4 1/4 x 14 1/4 in; 22 lb .....\$499

### 5700 VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR. Features remote control; 110-channel cable-compatible tuner; 6-event/14-day on-screen programming; MTS/SAP stereo decoder; one-touch record; HQ circuitry; automatic power on/off, rewind, eject; edit mode switch; Dolby linear stereo. 16 1/2 x 4 1/4 x 14 1/4 in; 20 lb .....\$399

### 5400 VHS VCR

Table-model VHS VCR with direct access remote control. Features 110-channel cable compatible tuner; 6-event/14-day on-screen programming; one-touch record; HQ; edit mode switch; auto power on/off, rewind, eject. 16 1/2 x 4 1/4 x 14 1/4 in; 20 lb .....\$369

### 5300 VHS VCR

Table-model VHS VCR with wireless infrared remote control. Features 110-channel cable-compatible tuner; 6-event/14-day on-screen programming; quick time recording; one-touch recording; HQ; auto power on/off, rewind, eject. 16 1/2 x 4 1/4 x 14 1/4 in; 20 lb .....\$349

### 4900A VHS VCR

Table-model VHS VCR with one-touch recording. Features quick timer recording; 4-event/14-day programming; digital tape counter with memory function; edit mode switch; 82-channel cable-compatible tuner. 16 1/2 w x 4 1/4 h x 14 1/4 d; 20 lb .....\$299

## TEAC

### MV-900 VHS Hi-Fi Digital VCR

VHS table-top VCR with digital-memory function and special effects (still frame, Interval Play and Solarization); DA-4 head; SP, EP, LP play and record speeds; remote control with frame advance; cable ready; still frame. 17 3/8 x 3 3/4 x 13 1/4 in; 22.2 lb .....\$1,200

### MV-600 Stereo VHS Hi-Fi VCR

Table-top VCR with 108-channel quartz-locked digital tuner. Features MTS and Simulcast recording; selectable audio monitoring, HQ circuits; video NR; sharpness control; music scan; back-space assemble edit; remote control; one-touch-recording. Audio frequency response 20-20,000 Hz  $\pm$  3 dB in Hi-Fi, 100-10,000 Hz  $\pm$  3 dB in normal mode .....\$699

### MV-460 Stereo VHS VCR

Decodes MTS stereo TV broadcasts and SAP channel; switchable Dolby noise reduction; HQ circuits; two-week six-event timer with on-screen programming; quick timer recording; remote control; four-digit tape counter with memory; 110-channel cable-compatible tuner with 32 presets; auto on, rewind, off. Video signal-to-noise ratio >43 dB in SP; audio S/N >40 dB without Dolby noise reduction, >50 dB with Dolby. 16 1/8 x 3 1/16 x 12 3/8 in; 14.33 lb .....\$499



# VIDEOCASSETTE RECORDERS

## MV-370 VHS HQ VCR

Table-top VCR features 110-channel tuner with 32 presets; HQ circuits; clear freeze frame; two-week six-event timer with on-screen programming; quick timer recording; remote control; four-digit tape counter with memory; auto on, rewind, off; edit mode; two-speed cueing. Video signal-to-noise ratio >42 dB in SP; audio signal-to-noise ratio >43 dB. 16 $\frac{1}{16}$  x 3 $\frac{1}{16}$  x 12 $\frac{3}{16}$  in; 14.33 lb ..... \$399

## TOSHIBA

### DX-900 VHS Hi-Fi/Digital VCR

Features PCM processor to convert analog audio signal to digital signal configured as video signal;



digital video special effects include clear freeze frame in EP and SP, freezing four still frames (from broadcast or tape) and showing them simultaneously, clear slow motion (1/4 speed in reverse); double-speed play; MTS/SAP stereo TV decoder; on-screen programming by touching fiber-optic lightpen to screen; remote control; 139-channel cable-compatible tuner; timer programs four events over fourteen days; HQ Pro picture enhancement circuitry; audio level display; microphone jacks; headphone jack; four video heads. Horizontal resolution 240 lines. 17 x 4 $\frac{1}{2}$  x 14 $\frac{3}{4}$  in; 22.7 lb ..... \$1,300

### DX-800 VHS Hi-Fi/MTS VCR

Features VHS Hi-Fi; digital video special effects for clear freeze frame in EP and SP from broadcast or tape and strobe effect; MTS/SAP stereo TV decoder; on-screen programming; 36-function unified remote control also controls Toshiba TV's; 122-channel cable-compatible frequency-synthesis tuner; timer programs four events over two weeks; linear time counter; HQ Pro picture enhancement; audio level display; headphone jack; four heads ..... \$1,000  
**M-7900.** Similar to above but lacks digital special effects; has 33-function unified remote control; one-touch timer recording; auto play ..... \$750

### DX-400 Digital VHS VCR

Digital special effects include freeze frame from broadcast or tape (in EP and SP); HQ Pro picture enhancement; 33-function wireless remote control also controls Toshiba TV's; programs four events over two weeks by remote control; frequency-synthesized tuning; 122-channel cable-compatible tuner; on-screen program display; one-touch timer recording; sharpness control; two-speed picture search at five or fifteen times normal speed; slow motion at one-quarter or one-tenth normal speed ..... \$680  
**M-7850.** Similar to above but lacks digital special effects; has four video heads; 32-function unified remote control; auto play ..... \$650  
**M-7730.** Similar to above but lacks on-screen program display; has 20-function remote control

for VCR only ..... \$580  
**M-6450.** Similar to above but has 26-function unified remote control that also controls Toshiba TV's; picture sharpness circuit ..... \$470  
**M-6230.** Similar to above but 20-function remote controls VCR only; HQ instead of HQ Pro circuits ..... \$430

## TOTE VISION

### CB-5000 VCP with 5-inch Color Monitor

VHS videocassette player with 5-in color monitor in foam-lined polyethylene carrying case with locking steel latches; operates in case; can be used with AC adaptor or DC car cord. VCP features auto repeat; picture search in forward and reverse; freeze frame; plays in SP, LP, and SLP. Monitor features sunscreen. 24 lb ..... \$658

### CB7000 VCP with Color Monitor

VHS videocassette player with built-in 5 $\frac{1}{2}$ " color monitor and carrying handle that also can be used to tilt unit up. Features flat, square picture



tube; one-speed (SP) play; auto repeat; freeze frame; volume control; metal case. 15 x 5 x 16 $\frac{1}{2}$  in; 20 lb ..... \$613

### VHS Videocassette Players

*Operates in SP, LP, and SLP; auto repeat; auto front loading; auto rewind; picture search in forward and reverse; freeze frame; protects tape from excessive humidity; die-cast aluminum chassis; black finish.*

**GS-3000H.** With two-way DC adaptor that powers VCP and TV from single cigarette lighter; handle on side ..... \$280

**GS-2000.** Similar to above but works on AC power only and lacks handle ..... \$261

**TI-3000.** Similar to above but lacks moisture protection and aluminum chassis ..... \$261

## VECTOR RESEARCH

### V-6040D VHS Hi-Fi Digital VCR

Table-model VHS Hi-Fi VCR with digital special effects. Features remote control; 4 video heads; 124-channel cable-compatible tuner; 3-event 28-day on-screen programming; MTS/SAP stereo decoder; digital special effects include fast search, slow motion, freeze frame, frame advance; HQx, (HQ with the addition of a wide band filter circuit); plays and records in SP, LP, SLP. Horizontal resolution >240 lines; video S/N >47 dB; Hi-Fi frequency response 20-20,000 Hz  $\pm$  2 dB. 16 $\frac{1}{16}$  x 3 $\frac{1}{3}$  x 14 $\frac{3}{4}$  in; 17.6 lb ..... \$1,099

### V-5040 VHS Hi-Fi VCR

VHS-format table-top remote-controlled VCR with 28-day, 3-event timer. Features SP, LP, SLP

play and record speeds, linear stereo; Dolby noise reduction; frame advance; noiseless special effects; remote pause; still frame; auto rewind; channel lock; auto fine tuning; one-touch recording; time-remaining display; 4 double-azimuth heads; HQ; 21-times picture search; MTS 140-channel tuner with direct access; on-screen programming; audio level controls with level meter; tracking meter; program search. Cable ready. Horizontal resolution 230 lines; video S/N 47 dB; audio FR 20-20,000 Hz  $\pm$  3 dB in Hi-Fi mode; audio distortion 0.5% in Hi-Fi mode; audio S/N 90 dB in Hi-Fi mode; power requirements 120 V AC, 60 Hz, 41 W. 17 x 4 x 15 in; 18 lb ... \$850

### V-4040 Hi-Fi VCR

VHS-format table-top VCR. Features 4 heads (double azimuth); SP, LP, SLP play and record



speeds; remote control; frame advance; noiseless special effects; remote pause; still frame; auto rewind; channel lock; auto fine tuning; 21-day/4-event timer. Cable ready. Horizontal resolution 230 lines; video S/N 47 dB; audio frequency response 20-20,000 Hz  $\pm$  3 dB in Hi-Fi mode; audio distortion 0.5% in Hi-Fi mode; audio S/N 90 dB in Hi-Fi mode; power requirements 120 V AC, 60 Hz, 35 W. 17 x 4 x 15 in; 18 lb ..... \$700

## YAMAHA

### YV-800 HiFi VCR

Table-top Hi-Fi VHS videocassette recorder with four double-azimuth video heads. Features wireless remote control transmitter which allows use with all current and past Yamaha color monitors. HQ sharpness and built-in MTS/SAP stereo decoder. Slow motion speeds of 1/30, 1/10, and 1/5 of normal speed in SP and EP modes; phase-lock-loop 140-channel cable-ready tuner; on-screen display of modes and programming; 21-day/8-event timer; Segment and Delayed Segment features; picture search at 5 and 9 times normal speed in SP and EP modes; Jet Search speed to 9 and 21 times normal; horizontal resolution more than 230 lines; audio frequency response 20-20,000 Hz; dynamic range >90 dB; channel separation >60 dB; 17.21 lb ..... \$730

## ZENITH

### VRD700HF Super VHS Hi-Fi VCR

Table-model VHS Hi-Fi VCR with Super VHS circuitry. Features remote control; 4 video heads; 178-channel cable-compatible tuner; 8-event 14-day on-screen programming; MTS/SAP stereo decoder; VHS Index Search System; 5-speed slow motion at 1/30th, 1/24th, 1/18th, 1/12th, and 1/6th times normal speed in SP/EP modes, freeze frame, frame advance; one-touch record; HQ circuitry with detail enhancement, white clip, chroma and luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, eject; record-level meters; left and right input-level controls; headphone jack with adjustable level. Horizontal resolution 400 lines S-VHS, 240 normal; video S/N <43 dB; Hi-Fi FR 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range 80 dB VHS, 90 dB S-VHS. 17 $\frac{1}{8}$  x 3 $\frac{3}{4}$  x 13 in... \$1,299

### VRD600 VHS Hi-Fi Digital VCR

Table-model VHS Hi-Fi digital VCR with auto-

## PRICES LISTED

are manufacturers' suggested retail prices  
 (also referred to as list prices);  
 actual selling prices are set by individual dealers.  
 All prices are subject to change without notice.



## VIDEOCASSETTE RECORDERS

matic tape titler that can record date, time, and channel number before every recording. Features remote control; 4 video heads; 178-channel cable-compatible tuner; 8-event 14-day on-screen programming; MTS/SAP stereo decoder; digital special effects include picture-in-picture, digital strobe (freezes 4, 9, or 16 successive TV or VCR images on the screen), multiscreen channel scan (scans first 4, 9, or 16 channels programmed into the VCR and freezes them on-screen simultaneously), VHS Index Search system; one-touch record; HQ picture-enhancement circuitry; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, eject; record-level meters; left and right input-level controls; headphone jack with adjustable level. ....\$1,099

### VR3300 VHS Hi-Fi VCR

Compact table-model VHS Hi-Fi VCR with clear-screen slow-motion. Features remote control; 4 video heads; 178-channel cable-compatible tuner; 8-event 14-day on-screen programming; MTS/SAP stereo decoder; fast search at 7 times normal speed, slow motion at 1/5th times normal speed, freeze frame, frame advance; one-touch record; HQ with detail enhancement, white clip,



chroma and luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next-function memory; 60-minute power back-up stores programmed instructions; record-level meters; left and right input-level controls. Horizontal resolution 240 lines; video signal-to-noise ratio >43 dB; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range 80 dB. 13 $\frac{1}{16}$  x 4 $\frac{3}{16}$  x 14 $\frac{1}{16}$  in; 17 lb. ....\$999

### VRD530 VHS Hi-Fi VCR

Compact vertically-designed VHS Hi-Fi VCR with high-speed VHS Index Search System. Features remote control; 4 video heads; 178-channel cable-compatible tuner; 4-event 14-day on-screen programming; MTS/SAP stereo decoder; fast search at 7 times normal speed, slow motion at 1/5th normal speed, freeze frame, frame advance; one-touch record; HQ circuitry with detail enhancement, white clip, chroma and luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next-function memory; record-level meters; left and right input-level controls; headphone jack. Horizontal resolution 240 lines; video s/N >43 dB; Hi-Fi frequency response 20-20,000 Hz  $\pm$  3 dB; Hi-Fi dynamic range 80 dB. 5 $\frac{5}{8}$  x 12 x 11 $\frac{1}{2}$  in; 17 lb. ....\$899

### VR2300 VHS Hi-Fi VCR

Compact table-model VHS Hi-Fi VCR with music-scan and "Go-To" tape search. Features remote control; 4 video heads; 178-channel cable-compatible tuner; 4-event 14-day on-screen programming; MTS/SAP stereo decoder; fast search at 7 times normal speed, freeze frame, frame advance; one-touch record; HQ circuitry with detail enhancement, white clip; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next-function memory; record-level meters; left and right input-level controls. Horizontal resolution 240 lines; video s/N >43 dB; Hi-Fi frequency response 20-20,000 Hz

$\pm$  3 dB; Hi-Fi dynamic range 80 dB. 13 $\frac{1}{2}$  x 4 $\frac{3}{4}$  x 14 $\frac{7}{8}$  in; 17 lb. ....\$899

### VRD500 VHS Stereo VCR

Table-model VHS VCR with linear stereo and Dolby NR. Features remote control; 4 video heads; 157-channel cable-compatible tuner; 4-event 14-day on-screen programming; MTS/SAP stereo decoder; fast search at 7 times normal speed in SP mode, freeze frame, frame advance; VHS Index Search System; one-touch record; next function memory; HQ circuitry with detail enhancement, white clip, luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next function memory. Horizontal resolution 240 lines; video s/N >43 dB; audio frequency response 100-10,000 Hz; audio s/N 40 dB. 17 $\frac{1}{4}$  x 3 $\frac{7}{8}$  x 13 $\frac{1}{8}$  in. ....\$599

### VRD230 Remote-Controlled VHS VCR

Compact vertically-designed VHS VCR with digital double-speed playback with clear picture and intelligible double-speed audio. Features remote control; 4 video heads; 178-channel cable-compatible tuner; 4-event 14-day on-screen programming; VHS Index Search System; fast search at 7 times normal speed, freeze frame, frame advance; one-touch record; HQ circuitry with detail enhancement, white clip, and luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next-function memory. Horizontal resolution 240 lines; video s/N >43 dB. ....\$599

### VRD208 On-Screen Programming VHS VCR

Table-model VHS VCR with remote on-screen programming. Features remote control; 4 video heads; 157-channel cable-compatible tuner; 4-event 14-day on-screen programming; fast search at 7 times normal speed in SP mode, freeze frame, frame advance; VHS Index Search System; counter Go-To tape search; one-touch record; HQ circuitry with detail enhancement, white clip, luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next function memory; electronic tracking control. Horizontal resolution 240 lines; video s/N >43 dB; audio frequency response 100-10,000 Hz; audio s/N 40 dB. 17 $\frac{1}{4}$  x 3 $\frac{7}{8}$  x 13 $\frac{1}{8}$  in. ....\$479

### VRD200 Remote-Controlled VHS VCR

Table-model VHS videocassette recorder with VHS Index Search System. Features remote control; 4 video heads; 157-channel cable-compatible tuner; 4-event 14-day programming; fast search at 7 times normal speed in SP mode, freeze frame, frame advance; counter Go-To tape search; one-touch record; HQ circuitry with detail enhancement, white clip, luminance NR; PRP comb filter; plays in SP, LP, EP; records in SP, EP; auto power on, rewind, play, stop, eject; next function memory. Horizontal resolution 240 lines; video signal-to-noise ratio >43 dB; audio frequency response 100-10,000 Hz; audio s/N 40 dB. 17 $\frac{1}{4}$  x 3 $\frac{7}{8}$  x 13 $\frac{1}{8}$  in. ....\$429

### VRD100 Remote-Controlled VHS VCR

Table-model VHS VCR with VHS Index Search System. Features remote control; 2 video heads; 157-channel cable-compatible tuner; 4-event 14-day programming; fast search at 7 times normal speed in SP mode, freeze frame, frame advance; counter Go-To tape search; one-touch record; HQ circuitry with detail enhancement, white clip, luminance noise reduction; PRP comb filter; plays in SP, LP, EP; records in SP, EP; automatic power on, rewind, play, stop, eject; next-function memory. Horizontal resolution 240 lines; video signal-to-noise ratio >43 dB; audio frequency response 100-10,000 Hz; audio signal-to-noise ratio 40 dB. 17 $\frac{1}{4}$  x 3 $\frac{7}{8}$  x 13 $\frac{1}{8}$  in. ....\$399

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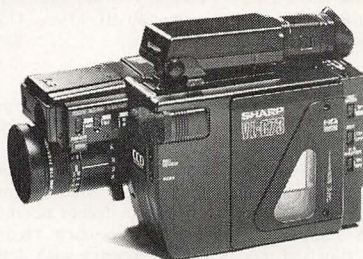
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# CAMCORDERS & VIDEO CAMERAS



## AIWA

### CV-50 AVimax 8mm Camcorder

8mm camcorder with snap-on playback unit and video monitor in optional MRC-V50 controller. Features  $\frac{2}{3}$ " CCD image sensor; 15-mm f/1.6 lens; picture search in forward and reverse; freeze frame; three-range focusing; white-balance switch for indoor or outdoor use; 2-hour recording with P6-120 tape; flying erase head; AFM mono sound; comes with 1-hour battery, directional electret microphone, AC power pack, battery charger/adaptor, blank tape, cables and connectors,  $1\frac{1}{2} \times$  teleconversion lens, shoulder belt.



Snap-on playback unit has controls for still/pause, forward, play, rewind, and edit switch. Horizontal resolution 330 lines; minimum light 25 lux; frequency response 20-18,000 Hz; dynamic range 70 dB.  $4\frac{1}{2}$ " wide x  $4\frac{3}{8}$ " high x  $6\frac{3}{4}$ " deep; 3.1 lb with battery and tape. . . . \$1,300  
**MRC-V50.** Optional remote controller with 2" flat-screen black-and-white monitor for CV-50 camcorder. Controls for recording start and stop, play, fast forward, rewind, stop, still; built-in speaker with volume control. 14.8 oz with AA batteries . . . . . \$200

## CANON

### VM-E2N Canovision 8 8mm Camcorder

8mm camcorder with 0.7" electronic viewfinder;  $\frac{1}{2}$ " 250,000-pixel CCD image sensor; 8-48-mm f/1.2 power zoom lens; freeze frame; search forward or backward at 5x normal speed; maximum recording time 2 hours; record review; fader; flying erase head; sepia special effect for antique



quality; auto or manual focus with one-shot mode to lock focus; focus range 3.9 feet normal, 1.2" macro; auto white balance with indoor/outdoor switch; auto exposure with manual iris control; LCD readout with counter and mode display; comes with RU-E2 adaptor for playing tapes on TV, 90-minute rechargeable battery, AC power adaptor, battery coupler, RF adaptor, blank tape, shoulder strap. Minimum light 5 lux; horizontal resolution 330 lines; audio frequency response 30-14,000 Hz. 3 lb, 8 oz without battery . . . \$1,699

### VC-50A Pro Color Video Camera

Accu-Vision color video camera with f/1.4 10x power zoom lens with macro. Features  $\frac{2}{3}$ " 6-MHz Super High-Band Saticon tube; 1" monochrome viewfinder (color optional) displays status of fade, filter, auto white balance, light, focus, gain, recording, battery level, counter, and timer; parallax-free active infrared auto focus; focus fade; fade to white or black; record review; VCR recording controlled from camera; negative/positive reversal; external mic jack; auto/manual exposure; detachable electret condenser stereo mic switchable to mono for increased directionality; typewriter-style character generator with seven colors and variable character size and scrolling holds eight pages of text; adjustable grip; rotating eyepiece; date, time, and stopwatch data can be superimposed on tape; interval recording; comes with viewfinder, shoulder strap, and lens cap. Minimum light 10 lux; horizontal resolution >420 lines; video S/N >47 dB. 5 lb, 8 oz. \$1,495

## CHINON

### CV-T70 EZ Movie Digital VHS Camcorder

VHS camcorder with 6-way digital fade in/out, mixing control, and strobe effects. Features HQ;  $\frac{1}{2}$ " CCD pickup for 300 lines horizontal resolution; two recording heads plus flying erase head; three wipe functions; one-touch digital strobe;  $\frac{2}{3}$ " B&W electronic viewfinder with diopter; audio dubbing; 8x 8.5-68mm auto-focus TV video lens with macro; f/1.2; minimum light 7 lux; one-touch auto focus; backlight switch; index and address search; built-in edit switch; high speed shutter; four-second record review; battery lasts 110 minutes; auto white balance; dual microphone pickup. Approx  $16\frac{3}{8} \times 15\frac{1}{16} \times 4\frac{3}{8}$  inches; 5.9 lb . . . . . \$1,995

### CVC-600 EZ Movie VHS-C Camcorder

VHS-C camcorder with auto focus. Features SP/SLP tape running speed selection for 20 and 60 minute record/playback time; four-head recording and playback system; built-in still frame viewing;  $\frac{1}{2}$ " CCD with 300 lines horizontal resolution;  $\frac{2}{3}$ " B&W electronic viewfinder; f/1.2, 9-54 mm 6x power zoom lens; minimum light 7 lux; one-touch auto focus; backlight switch; auto fade in/out; high speed shutter; index and address search; battery lasts 90 minutes; auto white balance; dual microphone pickup.  $10\frac{3}{16} \times 5\frac{1}{16} \times 4\frac{3}{8}$  in; 4.6 lb . . . . . \$1,995

### C8-SC70 Pocket 8 8mm Camcorder

8mm camcorder with flying erase head. Features  $\frac{1}{2}$ " CCD imaging with 250,000 pixels resolution; minimum light 7 lux; flying erase head for

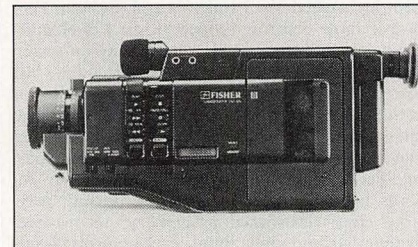


noiseless scene transitions and edits;  $\frac{2}{3}$ " B&W electronic viewfinder with diopter; f/1.2 9-54 mm macro auto focus TV video lens; multi-stage auto-focus system with focal zone indicator for rapid motion shots; one-touch auto focus; high-speed shutter; automatic and one-touch standby; back-light switch; fade in/out; battery lasts 1 hour and weighs 6.5 oz; auto white balance; dual microphone pickup. Controls include record, playback, rewind, still frame, pause, standby, counter, counter memory, fast forward, record review . . . . . \$1,895

## FISHER

### FVC801 8mm Auto-Focus Camcorder

8mm camcorder with high-speed electronic shutter. Features digital auto-focus system; CCD pickup; flying erase head; 6x power zoom lens with macro zoom; electronic viewfinder with diopter; continuous auto white balancing; 2-hour recording with 120-min tape; iris control and



auto backlighting compensation switch; operates on AC or with quick-charging NiCd battery; built-in unidirectional microphone; auto or manual focusing; 4-digit tape counter with memory and battery charge display; video/audio line in/out jacks; cue, review, slow, and still frame special playback effects. Includes TV/VCR connector; hard-shell carrying case; NiCd rechargeable battery pack with battery charge adaptor; AC power adaptor; adjustable shoulder strap; 15-minute blank tape; antenna and line in/out connection cables. 2.8 lb. . . . . 1,500

## GE

### 9-9806 CCD Video Camcorder

One piece full-size VHS camcorder. Features CCD pickup; 7 lux low light sensitivity; high-speed shutter; flying erase head; 160 minutes re-



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<b>4-HEAD MTS HIFI \$429</b>  ★ TOP OF THE LINE ★ CLOSEOUT—BELOW COST	<b>HITACHI VT1710 \$469</b>  ★ 3-HEAD MTS HIFI ★ REMOTE PROGRAMMING	<b>RCA MTS HIFI CALL!</b>  ★ 3-HEAD, 365 DAY TIMER ★ REMOTE PROGRAMMING	<b>MARANTZ VR560HQ \$529</b>  ★ 4-HEAD MTS HIFI ★ REMOTE PROGRAMMING
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# CAMCORDERS & VIDEO CAMERAS

cording capability; electronic viewfinder; f/1.2 lens .....\$1,400

## 9-9710 VHS-C Camcorder

Auto-focus camcorder features 1/2" CCD; HQ picture system; 7 lux low light sensitivity; 6:1 power zoom f1.2 lens; records up to one hour; 1-hour rechargeable batteries included .....\$1,300

## HITACHI

### VM-C30AR VHS-C Camcorder

Lightweight (2.6 lb without battery) VHS-C format camcorder with MID-IV 2/3" MOS image sensor. Features HQ circuitry; f/1.6 x 6 zoom lens; auto focus; auto iris; auto white balance; picture search; picture freeze .....\$1,700

### VM3000A VHS Camcorder

VHS-format camera/recorder with MID-IV 2/3" MOS image sensor. Features HQ circuitry; electronic viewfinder; 5 shutter speeds; through lens auto white balance; self timer; recording review; auto focus; power zoom; macro focus. Horizontal resolution 380 lines; power requirements 12 V DC; minimum light 7 lux. Accessories included: AC adaptor, 1 hour battery, RF converter, A/V input/output cable, shoulder strap, earphone, A/V input adaptor. 5.4 lb .....\$1,400

## JVC

### GF-S1000HU Super VHS Hi-Fi Camcorder

Camcorder with Super VHS video circuitry and VHS Hi-Fi audio stereo circuitry using full-size VHS cassettes in SP or EP modes. Features automatic detection of S-VHS or VHS tape for recording and play; 2/3" field-storage CCD pickup with 360,000 effective (380,000 gross) pixels; 6x (12-72 mm) two-speed power zoom lens with f/1.4 aperture; TCL image-sensing auto focus; variable-speed electronic shutter (1/60, 1/250, 1/500, 1/1000); auto or manual exposure and white balance; HQ (luminance and chrominance noise reduction, detail enhancement, high white-clip level); AGC; recording time 8 hours in VHS EP (6 hours in S-VHS EP) with T-160 tape; four heads; 0.7" electronic viewfinder with diopter control; flying erase head; insert editing; dubbing switch; audio dubbing for linear soundtrack; record review; elapsed recording-time counter; date/time recording with automatic date-recording option; macro focus; audio/video fader; backlight switch; stereo mic; headphone jack; peak-hold audio-level indicators; recording-level controls; S-Video and A/V input/output jacks; powered by battery, AC, or car battery. Controls: Record; play; stop; pause; still frame; frame advance (continuous for slow motion); visible search at forward or reverse. Provided accessories: AC power adaptor/battery charger, battery pack, S-VHS tape, A/V and S-Video output cables, handle, strap, headphones. Minimum light 8 lux; horizontal resolution 450 lines; audio frequency response 20-20,000 Hz; dynamic range 80 dB; wow-and-flutter less than 0.005% wrms; 5 1/4" wide x 8 3/8" high x 14 1/16" deep; 6 lb net, 7.3 lb minimum system ...\$2,495

### GR-S55U Super VHS-C Auto-Focus Camcorder

VHS-C camcorder uses standard VHS-C tape or S-VHS-C tape (for horizontal resolution of more than 400 lines). Records for one hour in EP; 1/2" field-storage CCD pickup with 330,000 effective (360,000 gross) pixels; variable-speed electronic shutter (1/60, 1/250, 1/500, 1/1000); two-speed 6x (9-54 mm) power zoom lens with f/1.4 aperture; image-sensing auto focus with manual override; auto or manual exposure and white balance; HQ (detail enhancement and high white-clip level); elapsed recording-time counter in 0.6" electronic viewfinder with diopter control; audible trigger warning; record review; macro focus; A/V fader; glitch-free transitions between scenes; backlight



switch; LCD readout; date/time recording; S-Video (separate Y and C) and A/V outputs; dubbing switch; noiseless assemble edits with JVC VCR's. Controls: Record; play; stop; pause; still frame; frame advance; visible search forward or reverse. Provided accessories: AC power adaptor/battery charger, hand-grip battery pack, VHS-C-to-VHS cassette adaptor, S-VHS-C tape, carrying case, output cables, shoulder strap. Minimum light 10 lux; horizontal resolution 420 lines. 4 3/8" wide x 5 7/8" high x 9 5/8" deep; 2.6 lb net, minimum system 3.1 lb .....\$1,995  
**RF-V3U.** RF unit for GR-S55 .....\$56  
**VC-VO12U.** A/V input cable for GR-S55 ..\$15  
**VC-810U.** Conversion cable for GR-S55 ...\$15

### GR-25U VHS Auto Focus Camcorder

Camcorder similar to GR-S55 but lacks Super VHS circuits and S-Video outputs; lacks audible trigger warning; 250,000 effective (270,000 gross) pixels; 1/60 and 1/1000-second electronic shutter. Horizontal resolution 330 lines .....\$1,495

### GR-C11U VHS-C VideoMovie Camcorder

VHS-C camcorder with one-button recording; 1/2" field-storage CCD pickup; 3x power zoom lens with f/1.7 aperture; infrared auto focus; auto exposure and white balance; HQ; recording time 60 minutes in EP, 20 minutes in SP; zoom-linked optical viewfinder; backlight switch; glitch-free scene transitions. Comes with AC adaptor/battery charger, hand-grip battery (lasts 30 minutes), VHS-C cassette, VHS-C-to-VHS adaptor, shoulder strap. Minimum light 12 lux; power consumption 6.5 watts. 3 3/4" x 4 3/8" x 9 1/16"; 2.6 lb with battery and cassette .....\$1,149

### GR-C9U VHS-C VideoMovie Camcorder

Similar to above except lacks auto focus (fixed focus with close-up switch); no zoom; f/1.6 9-mm lens. Minimum light 10 lux; power consumption 6 watts; 3 3/4" x 4 3/8" x 8 3/8"; 1.65 lb .....\$999

### Accessories for GR-25U and GR-S55U

**WM-V1U.** Wireless microphone .....\$150  
**CG-V60U.** Character generator .....\$120  
**CB-V55U.** Carrying case .....\$120  
**CG-P50U.** Character generator .....\$100  
**BH-V5U.** Car battery charger (for DC camcorder power) .....\$95  
**MZ-320.** Super-directional microphone ....\$60  
**AP-P1U.** Car battery cord (for DC power) ..\$55  
**BN-V6GU.** High-capacity battery pack (70 to 90 minutes) .....\$45  
**CB-V40U.** Carrying bag .....\$45  
**BN-V5GU.** Regular battery pack (30 to 40 minutes) .....\$30  
**VC-P1U.** A/V extension cable .....\$13  
**VU-V130U.** Carrying handle .....\$13  
**CU-V410U.** Shoe adaptor .....\$12  
**RM-P1U.** Remote pause control .....\$6

### Accessories for Other JVC Camcorders

**BH-V5U.** Car battery charger (for DC camcorder power) .....\$95

**BN-V6GU.** High-capacity battery pack (70 to 90 minutes) .....\$45  
**BN-V5GU.** Regular battery pack (30 to 40 minutes) .....\$30  
**CB-V19U.** Carrying bag for GR-C9 and GR-C11 .....\$30

## MAGNAVOX BY NAP

### VR9240AV VHS Moviemaker Camcorder

VHS camcorder with wired pause remote control. Features CCD pickup; video/AC adaptor/charger; audio/video output adaptor; audio/video cable; battery pack; shoulder strap; VHF connecting cable/300-75 ohm transformer; earphone; time/date battery .....\$1,699

### VR8297AV VHS-C Video Escort Camcorder

VHS-C camcorder with cassette adaptor. Features CCD pickup; AC adaptor; RF adaptor; battery pack; TC-20 cassette tape; shoulder strap; wired pause remote control; A/V cable; VHF cable; 300/75 ohm adaptor .....\$1,699

### VR8295AV VHS-C Video Escort Camcorder

VHS-C camcorder with cassette adaptor. Features CCD pickup; AC adaptor; RF adaptor; battery pack; cassette adaptor; TC-20 cassette tape; shoulder strap; wired pause remote control; a/v cable; VHF cable; 300/75 ohm adaptor ..\$1,599

## MINOLTA

### Master Series-C 3300 VHS-C Camcorder

Features TTL phase detection multi-dimensional auto-focus; 1/2" CCD image sensor for 280 line horizontal resolution; minimum illumination 15 lux, 6x 9-54mm f/1.6 power-zoom lens; continuous auto white balance with white balance lock; dual area metering auto exposure with AE lock; unidirectional microphone; 7/16" electronic viewfinder; built-in date and time generator ..\$1,915

### Master Series-8 8100 8mm Camcorder

Features 1/2" CCD image sensor; 7 lux minimum illumination; 330 lines horizontal resolution; 1/1200 sec high speed shutter; 9-54mm f/1.4 6x power zoom lens; auto focus with one shot or full manual focus; TTL auto white balance; auto/manual iris; full information adjustable 2/3" electronic viewfinder; insert edit button; forward/reverse search; visual search; freeze frame; frame advance; date generator .....\$1,915

### Master Series-V 1400 VHS Camcorder

Features 2/3" MOS image sensor; 7 lux minimum illumination; 350 lines horizontal resolution; variable high speed shutter; self timer; 12-72mm f/1.6 6x power zoom lens; auto focus with one shot or manual power focus; continuous TTL white balance; 2/3" electronic viewfinder; S/N > 45 dB; 4 head mono audio; 160 minutes max recording/playback time; 3x forward/reverse visual search; freeze frame; date generator .....\$1,810

## NEC

### V-40 VHS Camcorder

VHS camcorder with piezo auto-focus system. Features 1/2" CCD pickup. f/1.2 9-54mm 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; battery lasts 2 hours; 2/3" B&W electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop; pause; still frame; frame advance. Minimum light 10 lux; 5.5 lb .....\$1,859

### CV-30U VHS-C Camcorder

Super-lightweight VHS-C camcorder with infrared auto focus. Features CCD pickup; 3x power zoom lens; auto exposure; auto white balance; HQ; recording time 60 minutes; electronic viewfinder. Controls: Record; play; stop; pause; still



# CAMCORDERS & VIDEO CAMERAS

frame; frame advance. Minimum light 12 lux; automatic tape loading and standby .....\$1,299

## OLYMPUS

### VX-802 8mm Camcorder

8mm camcorder with electronic high speed shutter. Features 1/2" CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 2 hours with 8mm cassette; electronic viewfinder with diopter; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop; pause; still frame; frame advance; minimum light 7 lux; 2.6 lb .....\$1,750

### VX-404 VHS Camcorder

VHS camcorder with electronic high speed shutter. Features 1/2" CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto iris; auto white balance; HQ; recording time 160 minutes with T160 tape; 3/4" B&W electronic viewfinder with diopter; record review; macro focus; fade in/out; backlight switch; earphone jack. Controls: Record; play; stop; pause; still frame; frame advance. Minimum light 7 lux; power consumption 9 watts. 3 7/8 x 7 3/16 x 8 11/16 inches; 5.3 pounds .....\$1,650

### Accessories for VX-802 and VX-404

VF-KL4. Video tele conversion lens, 49mm diameter, 1.5x magnification .....\$108  
VF-KL5. Video wide conversion lens, 49mm diameter, 0.7 magnification .....\$108  
VF-RM7. Wired remote control .....\$20

### Accessories for VX-802

VF-BA82. AC adaptor/battery charger with RF converter, audio/video input and output for VX-802 .....\$299  
VF-KG2. Character generator for VX-802 .....\$270  
VF-CS82. Movie 8 hard carrying case for VX-801 .....\$99  
VF-BC81. Car battery cord for VX-802 .....\$95  
VF-KC81. Extension cable for VX-802 .....\$76  
VF-CS81. Movie 8 semi-hard carrying case for VX-801 .....\$76  
VF-CS80. Movie 8 soft carrying bag for VX-801 .....\$70  
VF-BP81. Battery pack (60 minutes) for VX-802 .....\$49

### Accessories for VX-404

VF-KG1. Character generator .....\$349  
VF-BA7. AC adaptor/battery charger .....\$245  
VF-CS10. Hard-sided VHS movie case .....\$170  
VF-BA4. Compact AC adaptor .....\$140  
VF-BP3. Battery pack .....\$70  
VF-KC1. Camera extension cable .....\$64  
VF-BC5. Car battery cord .....\$22

## PANASONIC

### PV-50 VHS-C Camcorder

VHS-C camcorder with VHS Index/Address Search System. Features CCD pickup; f/1.6 10mm; auto range focus; auto white balance; HQ; recording time 1 hour with TC-20 tape; battery lasts 1.5 hours; black and white optical viewfinder built-in. Minimum light 7 lux; power consumption 6.5 watts; 8 1/4 x 5 3/8 x 3 1/8 in; 1.7 pounds; approx .....\$1,100

### PV-100 VHS-C Camcorder

VHS-C camcorder with Piezo Auto Focus. Features CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto white balance; HQ; recording time 60 minutes with TC-20 tape; 3/4" electronic viewfinder; record; macro focus; mic jack. Controls: Record; play; stop; pause; still frame; Minimum light 7 lux; power consumption 8 watts; 10 3/16 x 6 3/16 x 5 1/4 inches; 3.1 pounds; approx .....\$1,300

### PV-110 VHS-C Camcorder

VHS-C camcorder with VHS Index/Address Search System. Features CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto white balance; HQ; recording time 60 minutes with TC-20 tape; 3/4" electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Minimum light 7 lux; power consumption 8 watts; 10 3/8 x 5 15/16 x 4 3/8 in; 2.7 lb .....\$1,500

### PV-S150 Super VHS Camcorder

Super VHS camcorder with high speed shutter. Features CCD pickup; f/1.2 9-54mm 6x power zoom lens; auto focus; auto white balance; HQ; recording time 60 minutes with STC20P tape; 3/4" electronic viewfinder with diopter; record review; macro focus; fade in/out; backlight switch. Minimum light 7 lux; power consumption 8 watts; 10 3/8 x 5 15/16 x 4 3/8 in; 2.8 lb .....\$1,950

### PV-320 VHS Camcorder

VHS camcorder with flying erase head which continually erases existing signals on tape just prior to recording of new signal. Features CCD pickup; f/1.2 8.5-54mm 6x power zoom lens; auto focus; auto white balance; HQ; recording time 2 hours and 40 minutes with standard VHS tape; 3/4" electronic viewfinder; macro focus; fade in/out; backlight switch. Minimum light 7 lux; power consumption 11 watts; 14 1/16 x 8 1/8 x 3 7/8 in; 5.1 lb .....\$1,550

### PV-330 Digital Camcorder

Digital VHS camcorder capable of performing numerous digital effects. Features CCD pickup; 8x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 2 hours and 40 minutes with standard VHS tape; 3/4" electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Min. light 1 lux .....\$2,000

### PV-S350 Digital Camcorder

Digital Super VHS camcorder capable of performing digital effects. Features CCD pickup; 8x power zoom lens; auto focus; auto exposure; auto white balance; HQ; electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop; pause; still frame; VHS index/Address Search System. Minimum light 1 lux; horizontal resolution 400 lines .....\$2,400

### Video Camera Accessories

#### 20H-20F Camera Extension Cable

20-ft extension cable .....\$60

#### PK-A789S Power Supply

With stereo input/output .....\$65

## PENTAX

### PV-C66A HQ VHS Camcorder

Camcorder uses full-size VHS cassettes to record 2 hours, 40 minutes with T-160 tape. Features auto focus with power manual focus; auto or manual exposure; continuous auto white balance; 3/4" MOS image sensor; 6x (12-72 mm) power zoom lens; variable high-speed shutter (1/120, 1/1250, 1/1000, 1/2000 of a second); electronic self-timer; playback through 3/4" electronic viewfinder showing battery condition, low-light warning, shutter setting, and date (which can be recorded on tape); for right- or left-eye viewing; four heads; search at 3x normal speed; freeze frame; records TV broadcasts from monitor/receivers with A/V output jacks; HQ picture enhancement; comes with 1-hour rechargeable battery, AC adaptor/charger, RF converter with cable, antenna adaptor, A/V output cable, A/V input adaptor and cable, unidirectional mic, earphone, shoulder strap. Minimum light 7 lux; horizontal resolution 350 lines; power consumption 9.5 watts .....\$1,899

### PV-C850A Movie 8 8mm Camcorder

8mm camcorder records up to 2 hours on P6-120 tape. Features auto focus with manual override; high-speed visual search at 5x normal speed in forward or reverse; clear special effects include freeze frame, frame advance, and slow motion at 1/5 normal speed; f/1.4 6x (9-54 mm) power zoom lens with macro; 1/2" CCD image sensor; adjustable 3/4" electronic B&W viewfinder displays recording status, battery level, shutter, tape



counter/remaining time, and date (which can be superimposed on tape); auto exposure with manual override; flying erase head; high-speed shutter (1/200 of a second); auto white balance; unidirectional mic; three heads; comes with 1-hour battery pack, AC adaptor, RF converter, shoulder strap; warranty covers parts for two years, labor for six months. Minimum light 7 lux; horizontal resolution 330 lines; power consumption 7 watts. 3.9 x 5.8 x 9.6 in; 2.8 lb with battery and tape .....\$1,849

## PHILCO BY NAP

### VCR807AV VHS Movie System Camcorder

VHS camcorder with flying erase head and high speed shutter. Features 1/2" CCD pickup; f/1.2 6x power zoom lens; auto focus; auto color tracking; HQ; electronic viewfinder with diopter; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop; pause; still frame; visible search at 3x normal speed forward or reverse. Minimum light 7 lux. Approx 14 1/2 x 7 x 3 3/4 in; 6.4 lb with battery .....\$1,600

## QUASAR

### VM-22AC S-VHS Camcorder

S-VHS camcorder with digital special effects. Features CCD pickup; f/1.2 8x power zoom lens; auto focus; auto iris; auto white balance; HQ; 3/4" electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop; pause; sensitivity up 1 lux; digital strobe recording; digital wipe function; dual image effects; VHS index/address search systems. Minimum light 1 lux; flying erase head; audio/video dubbing; edit switch; tally lamp; high speed shutter .....\$2,000

### VM-52AC S-VHS Camcorder

S-VHS camcorder with playback special effects. Features CCD pickup; f/1.2 6x power zoom lens;

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



# CAMCORDERS & VIDEO CAMERAS

hour maximum recording or playback time; 2/3" electronic viewfinder; record review; macro focus; fade in/out; backlight switch; flying erase head; audio/video dubbing; edit switch. Controls: Record; play; stop; pause. Min light 7 lux; VHS index/address search systems; 2.8 lb. ....\$1,800

## VM-21AC VHS Camcorder

VHS camcorder with immediate playback. Features CCD pickup; f/1.2 6x power zoom lens; auto focus; auto iris; auto white balance; HQ; 2 hour, 40 minute maximum recording time with a T-160 tape; 2/3" electronic viewfinder; record review; macro focus; fade control; backlight switch; flying erase head; audio/video dubbing; tally lamp; high speed shutter; built-in character generator jack; 6.1 lb. ....\$1,500

## VM-50AC VHS-C Camcorder

VHS-C camcorder which uses compact-size VHS cassettes. Features CCD pickup; f/1.2 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 60 minutes with VC-TC20 tape; 2/3" electronic viewfinder; record review; backlight switch; Controls: Record; play; stop; pause. Min light 7 lux; 3.65 lb. ....\$1,350

## VM-51AC VHS-C Camcorder

VHS-C camcorder with VHS index/address search systems. Features CCD pickup; f/1.2 6x power zoom lens; auto focus; auto iris; auto white balance; HQ; 1 hour maximum recording time; 2/3" electronic viewfinder; record review; macro focus; fade in/out; backlight switch; built-in character generator jack. Controls: Record; play; stop; pause. Minimum light 7 lux; 2.7 lb. ....\$1,300

## VM-40AC VHS-C Camcorder

VHS-C camcorder, extremely light (1.7 lb) and compact. Features CCD pickup; automatic range focus; optical viewfinder; 1 hour maximum recording time; automatic white balance; VHS index/address search systems; minimum light 7 lux; VHS compatibility; auto eject. ....\$1,000

## RCA

### CPR350 S-VHS Camcorder

Full-size VHS camcorder with Super VHS circuitry. Features 2/3" MOS pickup; f/1.2 11-88mm 8x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 8 hours with T-160 tape; battery lasts up to 2 hours; B&W electronic viewfinder with diopter; record review; macro focus; fade in/out; mic jack. Controls: Record; play; stop; pause; still frame; visible search forward or reverse. Minimum light 5 lux; horizontal resolution 400 lines. ....\$1,699

### CPR300 VHS Camcorder

VHS camcorder with high-speed electronic shutter. Features 2/3" MOS pickup; f/1.2 11-88mm 8x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 8 hours with T-160 tape; battery lasts 2 hours; B&W electronic viewfinder with diopter; record review; macro focus; fade in/out; mic jack. Controls: Record; play; stop; pause; still frame; visible search forward or reverse. Minimum light 5 lux. ....\$1,499

### CPR175 S-VHS-C Camcorder

VHS-C camcorder with Super VHS circuitry and high-speed electronic shutter. Features 2/3" MOS pickup; f/1.6 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time up to 1 hour with TC-20 tape; battery lasts up to 1 hour; B&W electronic viewfinder with di-

opter; record review; fade in/out; mic jack. Controls: Record; play; stop; pause; still frame; visible search forward or reverse. Minimum light 7 lux; horizontal resolution 400 lines. ....\$1,299

### CPR250 VHS Camcorder

VHS camcorder with high-speed electronic shutter. Features 2/3" MOS pickup; f/1.6 12-72mm 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time 8 hours with T-160 tape; battery lasts 1 hour; B&W electronic viewfinder with diopter; record review; macro focus; fade in/out; mic jack. Controls: Record; play; stop; pause; still frame; visible search forward or reverse. Minimum light 7 lux. ....\$1,249

### CPR150 VHS-C Camcorder

VHS-C camcorder features 2/3" MOS pickup; f/1.6 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time up to 1 hour with TC-20 tape; battery lasts up to 1 hour; B&W electronic viewfinder with diopter; record review; fade in/out; mic jack. Controls: Record; play; stop; pause; still frame; visible search forward or reverse. Minimum light 7 lux. ....\$1,249

### CPR100 VHS-C Camcorder

VHS-C camcorder features 2/3" MOS pickup; f/1.4 6x power zoom lens; auto focus; auto exposure; auto white balance; HQ; recording time up to 1 hour with TC-20 tape; battery lasts up to 1 hour; B&W electronic viewfinder with diopter; record review; fade in/out; mic jack. Controls: Record; play; stop; pause; still frame; visible search forward or reverse. Minimum light 10 lux. ....\$999

## Video Camcorder Accessories

### CGA020 Character Generator

Character generator creates titles on screen and special effects fits RCA camcorders. Features 60 characters/scene capacity; four type sizes; memory stores characters for up to one year; word register; twenty pages of characters; scrolling; curtain and window effects; stopwatch, calendar and time lapse display. 6 x 3/8 x 1 in. ....\$279.95

### KK042 Camcorder Case

Molded plastic case provides rugged protection for RCA camcorders and accessories. Contains cut-foam insert to cushion and secure equipment. 18 1/2 x 15 1/2 x 7 in; 7 lb. ....\$149.95

### CB120 Camcorder Battery

120-minute on-board rechargeable nickel-cadmium battery. Provides approximately 2 hours of run time for RCA camcorders. Can be recharged in two hours with camcorder AC adaptor/charger. ....\$79.95

### CB060 Camcorder Battery

60-minute on-board rechargeable nickel-cadmium battery. Provides approximately one hour of run time for RCA camcorders. Can be recharged in one hour with camcorder AC adaptor/charger. ....\$69.95

### WM002 Wireless Microphone System

Compact wireless microphone system with an omnidirectional microphone, transmitter, receiver, 13-inch antenna, and audio plug. Mic clips onto clothing and transmitter fits into pocket or clips onto belt. Uses three AA batteries. For all RCA video cameras except CKC020. ....\$139.95

### VAA002 Camcorder Video/Audio Adaptor

Allows camcorder to record video and audio from an external source such as a VCR, TV monitor. Plugs into viewfinder connector. ....\$15.95

### CRM010 Camcorder Remote Pause Control

Wired remote control starts and stops camcorder. 15-foot cable. ....\$9.95

## Video Camcorder Lens Accessories

### WAL01A Wide Angle Lens

Expands a video camera's field of view by a factor of 0.6. Features black snap-closure simulated leather case with padded interior; 58 mm thread diameter with 49 mm and 52 mm step rings. ....\$129.95

### LFK115A Special Effects Lens Filter Kit

Creates special effects with mirage, polarizer, and highlighter filters. Features 5-face mirage, 3-face mirage, center focus highlight and polarizer, plus 3 step rings. Includes a sectionalized vinyl case. ....\$102.95

### FSA036A Film/Slide Adaptor

Permits transfer of slides and print negatives to videotape. Features three step rings; three sizes of frame holders; one filter. Accommodates 35 mm slides; 35 mm negatives; 110 negatives. ....\$109.95

### LX152A Lens Extender

Increases lens magnification by 1.5 times throughout its zoom range. Features 58 mm thread diameter with 49 mm and 52 mm step rings. Includes a snap-closure black vinyl case with padded interior. ....\$109.95

## REALISTIC

### Model 100 MovieCorder VHS Camcorder

VHS camcorder with forward/reverse search at 3 times normal speed. Features 2/3" MOS pickup; f/1.6 12-72mm lens; auto focus; auto iris; auto white balance; HQ; recording time 120 minutes; battery lasts 1 hour; 2/3" electronic viewfinder; macro focus; backlight switch. Controls: Record; play; stop; pause; Minimum light 7 lux; includes hard case and shoulder strap. ....\$1,299

### Model 150 MovieCorder VHS-C Camcorder

VHS-C camcorder with auto-loading cassette adaptor for use in standard VHS VCR's. Features 2/3" MOS pickup; f/1.6 11.5-69 mm lens; auto focus; auto iris; auto white balance; HQ; electronic viewfinder; macro focus; fade in/out; backlight switch; earphone jack. Controls: Record; play; stop; pause; visible search at 3x normal speed forward or reverse. Minimum light 7 lux; approx. 7 3/4 x 4 1/4 x 7 3/4 in; 42 oz. ....\$1,299

## RICOH

### R600S 8mm Camcorder

8mm camcorder with 380,000 pixel imaging and super high speed shutter. Features CCD pickup; f/1.6 12-72mm 6x power zoom lens; auto focus; auto exposure; auto white balance; recording time up to 4 hours with P6-120MP tape; battery lasts 45 minutes; 7/16" electronic viewfinder; record review; fade in/out; backlight switch. Controls: Record; play; stop; pause; freeze frame, slow motion or single frame by frame playback. Minimum light 5 lux. ....\$1,799

### R600 8mm Camcorder

8mm camcorder with digital titling. Features CCD pickup; f/1.6 12-72mm 6x power zoom lens; auto focus; auto exposure; auto white balance; recording time 120 minutes with P6-120 tape; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop. Minimum light 9 lux. ....\$1,650

### R-250 8mm Camcorder

8mm camcorder with 250,000 pixel resolution. Features 2/3" CCD pickup; f/1.6 12-30mm zoom lens; auto focus; auto exposure; auto white balance; electronic viewfinder; record review; macro focus; fade in/out; backlight switch. Controls: Record; play; stop; pause. Minimum light 9 lux; horizontal resolution 300 lines; power consump-

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



# CAMCORDERS & VIDEO CAMERAS



tion 9.5 watts; video S/N is 45.2 dB; unit weighs 4 lb including battery .....\$1,345

## SANYO

### VM-10 8mm Auto-Focus Camcorder

8mm camcorder with digital auto-focus mechanism. Features CCD pickup; f/1.6 9-54 mm 6x power zoom lens; auto exposure; auto white balance; recording time 120 minutes with P6-120 tape; battery lasts 1 hour; 0.7" B&W electronic viewfinder with diopter; macro focus; backlight switch; mic jack; earphone jack; audio/video input/output jacks. Controls: Record; play; stop;



pause; still frame; frame advance; visible search forward or reverse; slow motion. Minimum light 9 lux; power consumption 6.3 watts; AFM audio recording. Includes rechargeable battery; AC adaptor; RF adaptor; hard-shell carrying case; shoulder strap. 4 1/16 x 5 1/2 x 12 3/8 in; 2.8 lb without battery .....\$1,300

### VM-8 8mm Auto-Focus Camcorder

8mm camcorder with quick record/review in camera playback. Features CCD pickup; auto focus; power zoom lens (12-72 mm) with macro focusing; electronic viewfinder with adjustable viewing angle and flip-up magnifier; built-in electret microphone; external mic input; AFM audio; flying erase head; audio/video inputs/outputs; data display monitors tape length, remaining power, light level, white balance, recording function; rechargeable NiCd battery; battery charger AC power pack included; minimum light 19 lux; 5 x 7 1/4 x 13 3/4 in; 5 lb, 1 oz without battery and cassette .....\$1,200

## SEARS

### 0 57 E 5374C VHS Movie Camcorder

Uses full-size VHS cassettes for up to 2 hours and 40 minutes of recording. Features 6x (12-72 mm) power zoom lens with macro; auto focus; auto white balance; solid-state 2/3" MOS image sensor; HQ circuits; recording and playback through

electronic viewfinder or TV; powered by battery, AC, or optional car-battery adaptor; 1-hour rechargeable battery included, 2-hour battery optional; prints date on tape; top-mounted handle; one-year warranty; includes case and adaptors for RF, A/V output, antenna connection. Minimum light 7 lux; horizontal resolution 350 lines. 4.2 lb .....\$1,000

**0 57 E 53995.** Two-hour rechargeable camcorder battery. 2 lb .....\$69.99

**57 E 53901.** Wide-angle lens expands field of view 166 times. 2" x 2 1/2" diameter; 1 lb .....\$69.99

## SHARP

### VC-C20UA VHS Stereo Camcorder

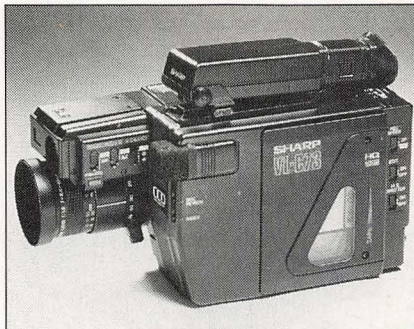
Uses full-size VHS cassettes. Features HQ circuits; 2/3" solid-state CCD sensor; linear stereo recording and playback; audio dubbing and video insert editing; auto focus, white balance, iris, power off, and date; right-eye/left-eye convertible 1/2" electronic viewfinder; f/1.2 6x power zoom lens with macro focus; three-way power source; electronic four-digit tape counter with memory; recording-start tally lamp; stereo condenser mic. Includes 2-hour rechargeable battery pack, AC adaptor/battery charger, carrying handle, AV conversion connector, VHF cable, and RF converter. 5" wide x 7 5/8" high x 14 5/8" deep; 5.3 lb without battery .....\$1,800

### VL-C77UA S-VHS-C Camcorder

Super VHS circuits for improved picture quality; uses VHS-C tape for 60 or 20 minutes; 1/2" CCD image sensor; f/1.6 lens with 8x variable-speed power zoom; 0.7" electronic viewfinder with diopter (for left or right eye); auto focus, white balance, exposure; time/date superimposed on tape; viewfinder indication of low battery and low light; back-light compensation; four heads; forward and reverse visual search at 3x normal speed; still picture with noise; electronic tape counter in viewfinder; three-speed (1/250th, 1/500th, 1/1000th second) electronic shutter; HQ circuits; directional electret mic; earphone jack; comes with AC adaptor/battery charger, 1-hour battery pack, shoulder strap, cassette adaptor, blank tape, A/V output cable, lithium battery, RF converter and cable, 300-ohm/75-ohm adaptor. 125 mm wide x 153 mm high x 230 mm deep; 2.65 lb without battery .....\$1,600

### VL-C73UA VHS-C Camcorder

Features CCD image sensor; f/1.6 lens with 8x variable-speed power zoom; 1/1000th-second electronic shutter; records 20 or 60 minutes on VHS-C tape; rotating 0.7" B&W electronic viewfinder with diopter; macro focus; A/V input terminal;



four-digit tape counter with memory; auto or manual focus; auto white balance, exposure; auto date; date/character generator; HQ circuits; record review; index/address search; electret condenser microphone. 4 25/32" wide by 6 1/8" high x 9 9/16" deep; 3 pounds, 3 ounces with battery and tape .....\$1,599

## SONY

### BMC-1000K Betamovie Pro Camcorder

Betamovie camcorder with Super Hi-Band Beta circuitry to increase luminance signal carrier frequency from 4.8 to 6.0 MHz for sharper pictures and professional editing quality. Features 2/3" Interline Transfer CCD pickup; 6x (12-72 mm) power zoom lens; manual focus with macro; auto white balance with two positions (5,800°K outdoor, 3,200°K indoor); iris lock switch; 1" B&W electronic viewfinder; records in Beta I for maximum of 90 minutes with L-750 tape; data display system superimposes day, month, and year, or hour, minute, and second; indexing allows quick access; mono microphone; input for external mic; earphone jack; sensitivity switch. Minimum light 15 lux; power consumption 7.4 watts. 6" wide x 7 3/8" high x 15 1/4" deep without shoulder pad; 5 lb, 11 oz without battery .....\$1,799

### CCD-V9 Handycam Pro 8mm Camcorder

8mm camcorder with variable-speed shutter (1/60, 1/100, 1/500, 1/1000, 1/2000 of a second). Features 2/3" CCD pickup with 380,000 pixels; flying erase head for clear transitions; AFM mono sound; RGB pro-



cessing; 12-72 mm 6x zoom lens; through-the-lens auto focus with manual override; auto exposure with manual override; white balance auto linear or precalibrated for natural or artificial light; fade to white; recording time 45 minutes with lightweight battery, 90 minutes with NiCad battery for a total of 2 hours on P6-120 tape; auto switching to play LP tapes recorded on home deck for up to 4 hours; battery lasts 60 minutes; 0.7" electronic viewfinder with indication of cassette loading, shutter speed, record/standby, auto/manual focus, white balance, fader, date/time, caution; forward and reverse play at normal speed; high-speed picture search; edit switch; auto-lock switch turns all functions to automatic; clear slow motion; macro focus; earphone jack; unidirectional electret condenser mic; external mic jack; date/time display on tape; tape counter shows tape position in hours, minutes, and seconds in SP mode; comes with AC adaptor/battery charger; NiCad battery; RF adaptor; shoulder strap; lithium battery; P6-15 videotape. Minimum light 5 lux; power consumption 6.3 watts. 3 7/8" wide x 5 1/8" high x 13 1/4" deep; 2 lb, 14 oz with battery and tape .....\$1,650

### Optional Accessories

For CCD-V9 camcorder.

NP-77. 90-minute NiCad battery ..... \$75  
AC-V55. AC adaptor/battery charger ..... \$185  
BC-55. Compact battery charger ..... \$45  
DCP-55. DC pack ..... \$60  
LCH-V50. Hard case ..... \$150  
RM-94. Wired Remote Commander ..... \$80  
RM-151KA. Wireless Remote Commander for start and stop functions ..... \$100  
VF-A50. Viewfinder adaptor ..... \$50  
VF-46M. Filter kit ..... \$28



# CAMCORDERS & VIDEO CAMERAS

**ECM-K120.** External microphone..... \$80  
**VCL-1546A.** Telephoto lens..... \$130  
**VCL-0746A.** Wide-angle lens..... \$110

## CCD-V5 Auto Handycam 8mm Camcorder

8mm camcorder with digital Superimposer for titling videotapes on location or at home with words, characters, or picture outlines in eight colors during recording. 6x lens zooms manually or automatically; 2/3" CCD pickup with 250,000 pixels; macro focus; linear auto white balance and auto iris; 2 hours on P6-120 tape; AFM mono sound; edit switch; flying erase head for clear transitions; through-the-lens auto focus; 0.7" magnified electronic viewfinder with display of operating functions; date and time recorded on tape; RGB processing. Minimum light 9 lux. 5 1/8" x 6 1/8" x 11 1/2"; 33 lb, 15 oz.....\$1,500

## CCD-V3 Auto Handycam 8mm Camcorder

8mm camcorder with AFM mono sound for dynamic range up to 70 dB. Features 2/3" CCD pickup; two heads plus flying erase head for clear transitions; f/1.6 12-30 mm zoom lens with controllable zoom speed; infrared auto focus; auto exposure; three-position (indoor, outdoor, mixed) white balance switch; recording time 120 minutes in SP mode with P6-120 tape; auto switching to play LP tapes recorded on home deck; battery lasts 60 minutes; 0.7" B&W magnified electronic viewfinder with display of operating functions; record review; macro focus; omnidirectional electret condenser mic; accessory shoe for HVL-200 video light; tripod socket; detachable hand grip; high-speed picture search, still frame, and fast forward; comes with AC power pack, battery charger, battery, RF adaptor, blank 8mm tape, antenna selector, matching transformer, two RF cables, shoulder strap. Minimum light 16 lux; 250,000 pixels; power consumption 6.9 watts. 5 1/8" wide x 6 1/8" high x 9 3/4" deep; 3 lb, 13 oz with battery and tape.....\$1,500

## Optional Accessories

For CCD-V3 camcorder.

**LC-V814.** Hard case..... \$140  
**ECM-K120.** Telescopic microphone..... \$80  
**HVL-200W.** Video light..... \$109.95  
**ACP-88.** Worldwide AC pack..... \$110  
**DCP-80.** Car-battery adaptor..... \$40  
**DCC-16AW.** Car-battery cord..... \$12  
**VCL-1546.** Telephoto conversion lens..... \$130  
**VCL-0746.** Wide-angle conversion lens..... \$110

## BMC-660K SuperBetamovie Camcorder

Betamovie camcorder with SuperBetamovie circuits for 20% higher image resolution. Features 2/3" Interline Transfer CCD pickup with 510 x 492 picture cells; f/1.4 12-72 mm 6x power zoom lens; white balance switchable for natural or artificial light; date/time display on tape; tape counter reads in hours, minutes, and seconds; recording time 3 hours and 20 minutes with Beta L-830 tape; battery lasts 1 1/2 hours; electret condenser mono mic; jack for external mono mic; earphone jack; reversible through-the-lens optical viewfinder for right or left eye; LED warning of low light, no signal, clogged or wet heads, weak battery; comes with battery charger, battery, handle, lens cap, eyepiece cap, shoulder strap, clock battery. Minimum light 25 lux; power consumption 6.2 watts maximum. 5 3/4" wide x 7" high x 14 3/4" deep; six pounds, three ounces with battery.....\$1,495

## CCD-M8U Handycam 8mm Camcorder

8mm camcorder with AFM mono sound for dynamic range up to 70 dB. Features optical viewfinder; solid-state 2/3" CCD image sensor; three-zone ready-focus system; preset white balance; f/1.6 15-mm lens; detachable grip; records up to 2 hours on P6-120 tape; records up to 1 hour, 20 minutes with supplied battery; one-button record-

ing; auto white balance with switch for indoor or outdoor lighting; detachable electret mic; LED indicators show tape run, white balance (when set for indoors), light warning, low battery; comes with AC pack/battery charger, charge adaptor, battery pack, videotape, shoulder strap. Minimum light 25 lux; power consumption 5.6 watts maximum. 4 1/4" x 4 1/4" x 8 1/2"; 3 lb with tape and battery.....\$1,250

## MPK-M8 Waterproof Marine Pack

For CCD-M8U. Allows use underwater up to 165 ft deep. With underwater microphone; detachable wide-angle lens; records up to 80 minutes on battery charge; accessory shoes for optional underwater lights; power shuts off after 3 minutes in standby; water-leakage checking window turns red in case of water seepage; shaped to slide easily through water; removeable counterweight; plastic and glass construction; comes with sealing O-ring, mic adaptor, waterproof gasket, wrench. 11 1/2" x 10 1/8" x 10 1/2"; weight with CCD-M8U 11 lb, 7 oz.....\$1,000

## SYLVANIA BY NAP

### VCC157AV VHS Camcorder

VHS camcorder with flying erase head. Features CCD pickup; HQ; f/1.2. 6x power zoom lens; auto focus; automatic color tracking; electronic viewfinder. Controls: Record; play; stop; pause; Minimum light 7 lux; audio/video dubbing; auto date and time; auto standby; auto power off eject; high speed shutter; video/AC adaptor/charger; audio/video output adaptor; audio/video cable; battery pack; shoulder strap; wired pause remote control; VHF connecting cable/300-75 ohm transformer; earphone jack and earphone included.....\$1,699

## TOSHIBA

### SK-60 VHS-C VideoMovie Camcorder

Electronic viewfinder for playback; auto focus; f/1.6 6x power zoom lens (9-54 mm); records for 20 or 60 minutes; 1/2" CCD image sensor; HQ picture enhancement; auto exposure and white balance; macro; picture search; freeze frame; detachable microphone; external mic jack; fast forward and rewind; fader; filter select; record review; comes with RF converter, AC adaptor, 1-hour battery, VHS cassette adaptor, A/V cable, blank cassette, shoe adaptor, and grip pad. Minimum light 15 lux. 4 3/4" x 6 1/2" x 8 3/4"; 2.9 lb without battery.....\$1,996

### SK-40 VHS-C VideoMovie Camcorder

Optical viewfinder (no playback capability); f/1.6 lens; 1/2" CCD image sensor; auto exposure and white balance; records for 20 or 60 minutes;



comes with AC adaptor, battery, VHS cassette adaptor, blank tape, shoulder strap. Minimum light 10 lux; 1 pound, 12 1/2 ounces without battery.....\$1,296

## YASHICA BY KYOCERA

### KD-3010U 8mm Camcorder

8mm camcorder with 1/1200 sec high speed shutter. Features 1/2" solid state image sensor; f/1.4 9-54 mm 6x power zoom lens; auto focus; auto exposure; auto white balance; recording time 120 minutes; B&W electronic viewfinder with diopter; record review; macro focus; fade in/out; backlight switch; mic jack; earphone jack. Controls: Record; play; stop; pause; still frame; frame advance. Minimum light 7 lux; 2.9 lb....\$1,795

## ZENITH

### VM7100 VHS Hi-Fi Camcorder

Full-size VHS camcorder with Hi-Fi stereo audio. Features 1/2" CCD pickup; f/1.6-2.1, 6x (8.5-51mm) power zoom lens; auto focus; auto iris with variable control; auto white balance/preset switchable; 4 video heads; HQ; recording time 8 hours with T-160 tape; 0.6" B&W electronic viewfinder with mode and warning indicators; record review; macro focus; fade in/out; backlight switch; stereo mic; stereo headphone jack; counter memory; audio dubbing; LCD for counter, mode, audio level and warning indications; auto/manual Hi-Fi audio record-level controls. Controls: Record; play; stop; pause; still frame; frame advance; visible search at 7x normal speed forward or reverse. Minimum light 8 lux; horizontal resolution 240 lines; power consumption 12 watts; audio frequency response 20-20,000 Hz ± 3 dB. 5 5/8" x 8 1/2" x 13 1/2" in.....\$1,800

### VM6300 VHS-C Camcorder

VHS-C camcorder with high-speed 1/1000 shutter. Features 1/2" CCD pickup; f/1.4-2, 6x (9-54 mm) power zoom lens; auto focus; auto iris; auto shutter; auto white balance/preset switchable; 4 video heads; HQ; recording time up to 1 hour with T-20 tape (EP speed); 0.6" B&W electronic viewfinder with diopter adjust, mode and warning indicators; record review; macro focus; fade in/out; backlight switch; mic; counter memory; audio dubbing; LCD for counter, mode, and warning indications. Controls: Record; play; stop; pause; visible search at 3x (SP) and 7x (EP) normal speed forward or reverse. Minimum light 10 lux; horizontal resolution 230 lines; power consumption 7.5 watts; video S/N 40 dB. 4 3/8" x 5 7/8" x 9 3/8" in; 3 lb with battery and cassette.....\$1,400

### VM6175 VHS-C Camcorder

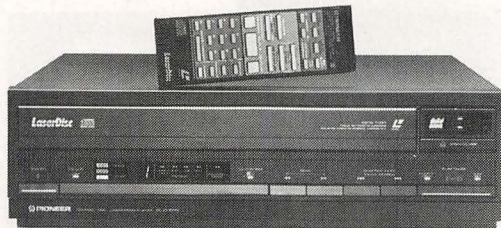
VHS-C camcorder with auto focus. Features 1/2"



CCD pickup; f/1.7, f=9.27mm, 3x zoom lens; auto focus; auto iris; auto white balance; 4 video heads; HQ; recording time up to 1 hour with T-20 tape (EP speed); optical with parallax correction, mode and warning indicators; backlight switch; mic. Controls: Record/pause. Minimum light 12 lux; power consumption 6.5 watts. 3 3/4" x 4 3/8" x 9 3/4" in; 2.6 lb with battery and cassette.....\$1,000



# VIDEODISC PLAYERS



## HITACHI

### VIP9550 Laser Videodisc Player

Front-loading industrial laser video disc player with 200-frame track jump. Section play; 1 second access time; CX noise reduction circuit; ext sync; random access; computer interface; optional remote control (LIV-800). 17<sup>1</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>4</sub> x 16<sup>3</sup>/<sub>8</sub> in; 27.5 lb .....\$2,000

### VIP9500 Laser Videodisc Player

Top-loading consumer LVDP with semi-conductor laser diode. CAV/CLV; random access; 3 second access time; CX noise reduction circuitry; ext sync; 350 lines resolution. 17<sup>1</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>8</sub> x 16<sup>3</sup>/<sub>8</sub> in; 24 lb .....\$1,500

## MAGNAVOX BY NAP

### CDV474 LaserDisc/CDV/CD Player

Remote-controlled videodisc player that also plays 5-inch CD singles, 5-inch audio CD's, and 8- and 12-inch video discs. Features a motorized horizontal disc loading tray with recesses for three disc sizes; automatic identification and play of disc; fast and slow motion replay; reverse play, freeze frame and random access .....\$750

## PIONEER

### LD-S1 LaserDisc Player with Remote

Front-loading videodisc player with 8-bit RAM chip with 1-megabit memory that stores video signals for special effects. Features digital circuits for discs with digital sound; programs ten videodisc chapters; 4-second access in CAV, 7 second in CLV; remote control compatible with Pioneer SR system; special effects include clear still picture with sound, still picture during search, strobe motion with sound, scan, multispeed play in CAV and CLV; video noise reduction; sharpness control; repeats side, chapter, memory, or segment; anti-resonant construction; full-floating drive; low-friction spindle motor; two gold-plated video output terminals; gold-plated headphone jack; port for personal computer; digital filtering (oversampling frequency 176.4 kHz); two D/A converters; hand-brushed lacquer finish; rosewood side panels. Horizontal resolution 420 lines; luminance S/N 48 dB; digital S/N 105 dB; digital dynamic range 97 dB .....\$2,000

### CLD-1010 LaserDisc/CDV/CD Player

Videodisc player plays 8" and 12" LaserVision videodiscs, compact disc video discs, CD audio discs, identifying type of disc automatically. Features digital circuits for discs with digital sound; programs 10 videodisc chapters or CD tracks with programmable pause or auto pause between parts; program edit; remote control; skips forward and back; scans forward and backwards; repeats side, track, memory, program, or segment; time search; digital filtering (oversampling frequency 88.2 kHz); CX noise reduction; on-screen

display; SR remote-control compatible. Horizontal resolution 400 lines; luminance S/N 46 dB. Digital audio section: frequency response 4-20,000 Hz +0.5/-1 dB; S/N 98 dB; dynamic range 95 dB. Analog audio section: FR 20-20,000 Hz; S/N >70 dB with CX NR; dynamic range >70 dB. 16<sup>3</sup>/<sub>16</sub> x 4<sup>3</sup>/<sub>4</sub> x 16<sup>3</sup>/<sub>16</sub> in .....\$800

### LD-838 LaserDisc Player with Remote

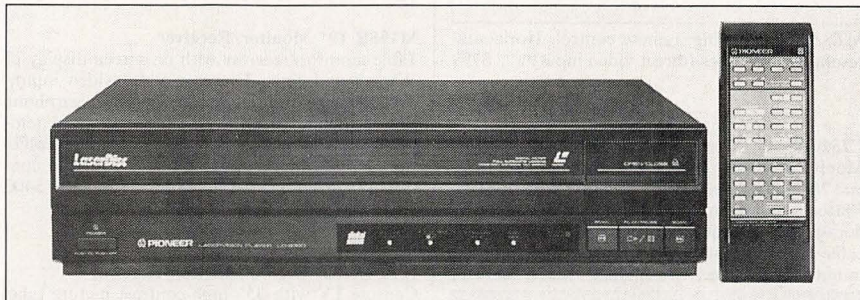
Plays 8" and 12" LaserVision videodiscs with analog and digital soundtracks. Programs 10 videodisc chapters; special effects include clear still frame and frame advance; skips forward and back; scans forward and backwards (at ten or forty-five times normal speed); repeats side, chapter, memory, or segment; SR remote-control compatible; time search (accurate to 1 second); digital filtering (oversampling frequency 88.2 kHz); CX noise reduction; on-screen display. Digital audio section: frequency response 4-20,000 Hz +0.5/-1 dB; S/N >98 dB; dynamic range >95 dB. Analog audio section: frequency response 20-20,000 Hz

+1/-3 dB; S/N >70 dB with CX NR; dynamic range >70 dB. 16<sup>1</sup>/<sub>2</sub>" wide x 4" high x 15<sup>7</sup>/<sub>8</sub>" deep; 19 lb .....\$550

## YAMAHA

### CDV-1000 LaserDisc/CDV/CD Player

Videodisc player with wireless remote control. Plays LaserVision videodiscs, compact disc video discs, CD audio discs. Features VHF output to TV receiver; audio outputs; audio playback with double-oversampling D/A converter; digital filtering; front-panel display of operating status, elapsed and remaining time of track or disc, CD track and index number; on-screen display; video output; track/chapter skipping in both directions; fast scan in both directions with sound audible from CD/CDV; still-picture mode and variable speed for video playback; phrase repeat for video and audio; keypad for direct access to video chapter and frame, audio track and index number. 17 x 4<sup>3</sup>/<sub>8</sub> x 15<sup>3</sup>/<sub>4</sub> in; 18 lb .....\$800



The Pioneer LD-838 LaserDisc Player can program up to ten videodisc chapters.



Magnavox's CDV474 plays compact discs, compact disc videos, and LaserDiscs.

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



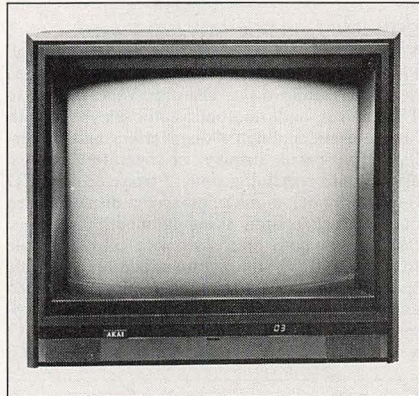
# MONITOR/RECEIVERS



## AKAI

### CT-A267-B 26" Monitor/Receiver

Full-square picture tube with high-contrast faceplate; 139-channel frequency-synthesis tuner with

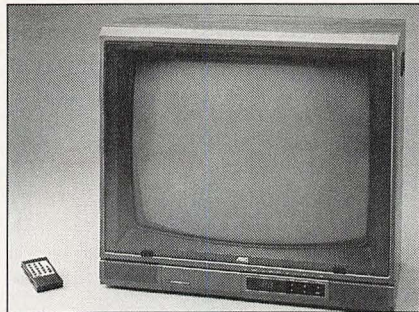


MTS/SAP decoding; remote control. Horizontal resolution 400 lines (direct video input) ... \$799

## AOC

### C2520RS 25" Stereo Monitor/Receiver

Monitor/receiver with 25" tinted picture tube and MTS/SAP decoder for stereo TV broadcasts. Features on-screen time and channel display; random-access or sequential tuning of 139 channels; cable compatibility; remote-programmable 90-minute sleep timer; 23-function remote control;



LED channel indicator with lights for stereo, mono, SAP, CATV/TV, and power; comb filter; AFT; auto color control; peak auto gain control; 3-watt amplifier for built-in two speakers; 8-watt speaker terminals; frequency lock-loop system; 64-step volume control; A/V inputs and outputs; woodgrain cabinet; cube shape. 25 1/2" x 23" h x 20 1/2" d ..... \$599

## EMERSON

### MS2700RD 27" Stereo Monitor/Receiver

Table monitor/receiver with square screen. Features 140-channel cable-compatible tuner; infrared wireless remote control; MTS/SAP stereo decoder; on-screen display of channel and time; turn-off timer; 1 set video input/output jacks; 2 sets audio input/output jacks; dual external speaker jacks; stereo headphone jack; comb filter;

horizontal resolution 500 lines; S-VHS 5 pin connector. 27 1/2" x 25" x 16" in ..... \$1,199

### MS251D 25" Stereo Monitor/Receiver

Table monitor/receiver with removable non-glare picture tube screen. 139-channel cable-compatible tuner; dual side mounted speakers; on-screen display of channel and time; turn-off timer; audio/video input/output jacks; AFT ..... \$750

### MS250R 25" Stereo Monitor/Receiver

Table monitor/receiver with MTS stereo decoder. Features 4 front firing speakers; external speaker jacks; sleep timer; on-screen display of channel and time ..... \$700

### MS199R 19" Stereo Monitor/Receiver

Table monitor/receiver with MTS stereo decoder. Features 139-channel cable-compatible tuner; audio/video inputs/outputs; two speakers; on-screen display of channel and time; turn-off timer; channel block; stereo headphone jack. 19 1/2" x 18" x 17 1/4" in; 49 lb ..... \$700

### M195R 19" Monitor/Receiver

Table monitor/receiver with on-screen display of channel and time. Features audio/video input/output jacks; full range side speaker; earphone and earphone jack; removable non-glare tempered-glass filter glare screen; 139-channel cable-compatible tuner; infrared wireless remote control. 17" x 19 1/4" x 19 1/4" in; 48 lb ..... \$400

## FISHER

### HT1450 35" Stereo Monitor/Receiver

Console TV with 35" high-contrast picture tube. Features 32-button wireless remote control; MTS/SAP tuner; 7.5-W/ch stereo amplifier; 5-band graphic equalizer; front-firing 2-way speaker system; 2 6 1/2" woofers; 2 2" tweeters; 181-channel cable-compatible tuner with random channel access; on-screen display of time, channel, volume, and timer shut-off; picture and audio control functions; music enhancer; loudness control; comb filter; 560-line horizontal resolution; auto brightness/contrast control; alternate channel recall; 3 sets A/V inputs; 1 set A/V outputs; compact cabinet with VCR storage in base; switched AC outlet on rear panel; solid oak trim on oak-finish wood cabinet ..... \$3,200

### PC1550 35" Stereo Monitor/Receiver

Table-model TV with 35" high-contrast picture tube. Features 32-button wireless remote control; MTS/SAP tuner; 5-W/ch stereo amplifier; 5-band graphic equalizer; 181-channel cable-compatible tuner with random channel access; on-screen display of time, channel, audio/video mode, timer, picture and audio control functions; loudness control; comb filter; 560-line horizontal resolution; auto brightness/contrast control; alternate channel recall; 3 sets A/V inputs; 1 set A/V outputs; variable-level stereo audio output; compact cabinet; switched AC outlet on rear panel; oak vinyl-veneer finish ..... \$3,100

### HTD900 27" Digital Monitor/Receiver

Console stereo monitor/receiver with 27" digital picture tube. Features 32-button wireless remote

control; MTS/SAP tuner; digital special effects including picture-in-picture, freeze frame; 181-channel cable-compatible tuner; 3 audio/video inputs; 1 audio/video output; amplifier delivers 7.5 watts per channel; front-firing 2-way speakers; comb filter; on-screen display of channel, time, picture and audio functions; alternate channel recall; stereo synthesizer ..... \$1,700

### HT897 27" Stereo Monitor/Receiver

Console TV with 27" square picture tube. Features 27-button wireless remote control; MTS/SAP tuner; 20-W/ch stereo audio amplifier; 2-way speaker system with 2 6 1/2" woofers and 2 2" tweeters; 5-band graphic equalizer; 181-channel cable-compatible tuner; on-screen display of time, channel, volume and timer shut-off; auto timer shut-off; comb filter; alternate channel recall; 2 sets video/audio inputs; 1 set video/audio output; smoked-glass filter; VCR storage in base of cabinet. Solid oak trim on oak finish wood cabinet ..... \$1,400

### HT887 26" Stereo Monitor/Receiver

Console TV with 26" square picture tube. Features 27-button wireless remote control; MTS/SAP tuner; 7.5-W/ch stereo audio amplifier; 2-way speaker system with 2 6 1/2" woofers and 2 2" tweeters; 5-band graphic equalizer; 181-channel cable-compatible tuner; on-screen display of time, channel, volume, and timer shut-off; auto timer shut-off; comb filter; alternate channel recall; 2 sets video/audio inputs; 1 set video/audio outputs; glass covered VCR storage in base of cabinet. Solid oak trim on oak finish wood cabinet ..... \$1,200  
HT797. As above with compact style cabinet; 5" woofers ..... \$1,000

### PC380 27" Stereo Monitor/Receiver

Table-model TV with 27" square picture tube. Features 31-button wireless remote control; MTS/SAP tuner; 5-W/ch stereo audio amplifier; 181-channel cable-compatible tuner; on-screen display of time, channel, picture and audio functions; external speaker terminals; bass, treble, loudness, and balance controls; comb filter; 2 sets video/audio inputs; 1 set video/audio outputs; 1 variable audio L/R output. Hickory woodgrain vinyl veneer finish ..... \$1,100

### HT775 25" Stereo Monitor/Receiver

Console TV with 22-button wireless remote control. Features MTS/SAP tuner; 5-W/ch stereo audio amplifier; 5-band graphic equalizer; 140-channel cable-compatible tuner; comb filter; 1 set audio/video inputs; 1 set audio/video outputs; glass-covered VCR storage in base of cabinet. Compact console; genuine oak trim on oak vinyl-veneer cabinet ..... \$1,000

### PC370W 26" Stereo Monitor/Receiver

Table-model TV with 26" square picture tube. Features 23-button wireless remote control; MTS/SAP tuner; 5-W/ch amplifier for internal speakers; 20-W/ch amplifier for external speakers; 5-band graphic equalizer; 181-channel cable-compatible tuner; on-screen display of time, channel, volume and timer shut-off; comb filter; alternate channel recall; 2 sets audio/video in-



# MONITOR/RECEIVERS

dio outputs; external speaker terminals with front panel on/off switch. Baldwin oak vinyl-veneer finish ..... \$900  
**PC367.** As above with 3.5 W/ch amp .... \$850

## PC347W 25" Stereo Monitor/Receiver

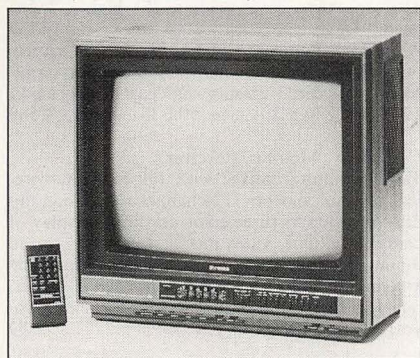
Table-model TV with 22-button wireless remote control. Features MTS/SAP tuner; 3-W/ch stereo audio amplifier; 5-band graphic equalizer; 140-channel cable-compatible tuner; comb filter; auto timer shut-off; 1 set audio/video inputs; 1 set audio/video outputs; 1 variable audio output; external speaker terminals with front-panel on/off switch. Baldwin oak vinyl-veneer finish ... \$750

## PC227W 20" Stereo Monitor/Receiver

Table-model TV with 20" square picture tube. Features 23-button wireless remote control; MTS/SAP tuner; 3-W/ch audio amplifier; 5-band graphic equalizer; 181-channel cable-compatible tuner; on-screen display of time, channel, volume, and timer shut-off; auto shut-off; comb filter; alternate channel recall; 2 sets video/audio inputs; 1 set audio/video inputs; 1 variable audio output; external speaker terminals with front-panel on/off switch. Oak vinyl-veneer finish \$650

## PC207W 19" Stereo Monitor/Receiver

Table-model TV with 20-button wireless remote control. Features MTS/SAP tuner; 5-band graphic equalizer; on-screen display of time, channel, volume, and timer; 140-channel cable-

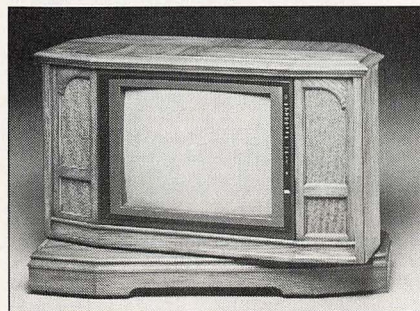


compatible tuner; comb filter; alternate channel recall; auto timer shut-off; audio/video inputs; variable level audio outputs; external speaker terminals with front-panel on/off switch. Baldwin oak vinyl-veneer finish ..... \$600

## GE

### 8-2685 26" Monitor/Receiver

26" console with square corner 110° COTY tube (Combined Optimum Tube and Yoke). Built in MTS/SAP decoder with dbx; two 8" oval speakers; digital remote control; Neo-Vision picture system; audio/video jack panel; on-screen time/



channel display; on-screen menu with remote adjustments; auto-programming with 147 channel capability; parental control; sleep timer; alarm timer; comb filter. Traditional style oak-veneer cabinet; 46<sup>3</sup>/<sub>4</sub> x 30<sup>1</sup>/<sub>2</sub> x 21<sup>1</sup>/<sub>2</sub> in; 170 lb .. \$849

### 8-2660 26" Console Color Television

26" console with square corner 110° COTY tube. Built-in MTS/SAP decoder with dbx; dual-mode remote control; Neo-Vision picture system; on-screen time/channel display; 147-channel cable-compatible tuning; auto color system; auto programming. Oak-veneer cabinet with tempered-glass top inset; 40<sup>3</sup>/<sub>4</sub> x 28<sup>3</sup>/<sub>4</sub> x 18<sup>3</sup>/<sub>4</sub> in; 160 lb ..... \$649

### 8-2665 26" Console Color Television

26" console with square corner 110° COTY tube. Built-in MTS/SAP decoder with dbx; Neo-Vision picture system; on screen time and channel display with last channel viewed; 147 channel capability; auto color system; auto programming; genuine pecan solids, pecan veneer top; 39<sup>7</sup>/<sub>8</sub> x 30<sup>7</sup>/<sub>8</sub> x 19<sup>5</sup>/<sub>8</sub> in; 135 lb ..... \$600

### 8-2678 26" Monitor/Receiver

26" tabletop monitor/receiver with 10 audio/video jacks. Square corner 110° COTY tube. Built-in MTS/SAP decoder with dbx; Neo-Vision picture system; on screen time and channel display with last channel viewed; auto color; auto programming with 147 channel cable capability; Dual mode remote control; light sensor. Audio system includes two 5" oval speakers; 5 watt rms amplifier; FR 50-15,000 Hz with less than 1% THD; rosewood finish on high impact plastic; 26<sup>7</sup>/<sub>8</sub> x 23<sup>1</sup>/<sub>4</sub> x 19 in; 89 lb ..... \$570

**8-2074.** As above with 20" diagonal screen. 24<sup>5</sup>/<sub>8</sub> x 18 x 16<sup>1</sup>/<sub>8</sub> in; 54 lb ..... \$470

**8-2668.** Same as above with 25" high-contrast picture tube instead of Neo-Vision design . \$560

**8-2070.** Same as 8-2668 except has 20" diagonal screen and 3<sup>1</sup>/<sub>2</sub>" oval speakers. 20 x 19<sup>5</sup>/<sub>16</sub> x 15<sup>7</sup>/<sub>8</sub> in; 56 lb ..... \$470

**8-2062.** Same as 8-2070 without audio/video jacks. 24<sup>3</sup>/<sub>4</sub> x 17<sup>13</sup>/<sub>16</sub> x 18<sup>13</sup>/<sub>16</sub> in; 52 lb .. \$380

### 8-2568 25" Stereo Color Television

25" tabletop color television features stereo MTS/SAP decoder with dbx. Square corner 110° COTY tube; high contrast picture tube; 147 channel cable compatibility; auto programming. Stereo system includes two 5" and two 2" speakers. 25<sup>1</sup>/<sub>4</sub> x 21<sup>7</sup>/<sub>8</sub> x 18<sup>1</sup>/<sub>8</sub> in; 102 lb ..... \$500

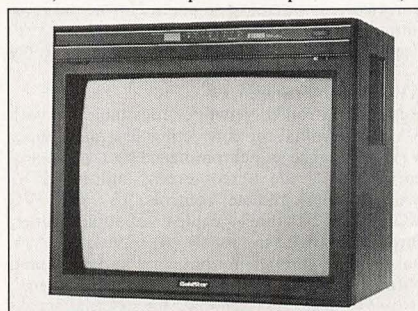
## GOLDSTAR

### CMT-2615 26" Stereo TV with Remote

Console TV with dark glass picture tube; built-in MTS/SAP decoder; 139-channel cable-compatible tuner; two audio/video inputs; one audio/video output; external speaker jacks; comb filter; on-screen display of channel and time; skip memory; turn-off timer; top mounted controls; monitor-look cabinet; frequency synthesized tuning; remote control ..... \$850

### CMT-2612 26" Stereo Monitor/Receiver

Table monitor/receiver with built-in MTS/SAP stereo decoder. 139-channel cable-compatible tuner; audio/video input and output terminals; 2



speakers; on-screen display of channel and time; turn-off timer; random access remote control; frequency synthesized tuning; comb filter .... \$800

### CMT-2525 25" Stereo Monitor/Receiver

Monitor/receiver with built-in MTS/SAP decoder and 2-way speakers. Features one audio/video input; 2 audio/video outputs; 19-key remote control; random-access frequency-synthesized tuning; programmable scan; comb filter; 90-minute sleep timer. Receives 13 VHF, 69 UHF, 57 CATV channels. Horizontal resolution 280 lines; power consumption 120 W; audio output 3 W/ch. 25 x 23<sup>3</sup>/<sub>10</sub> x 20<sup>2</sup>/<sub>5</sub> in; 88 lb ..... \$699

### CMT-2132 20" Stereo Monitor/Receiver

Monitor/receiver with built-in MTS/SAP decoder. Features one audio/video input; 2 audio/video outputs; 19-key remote control; random-access frequency-synthesized tuning; programmable scan; comb filter; 90-minute sleep timer. Receives 13 VHF, 69 UHF, 57 CATV channels. Horizontal resolution 280 lines; power consumption 120 W; audio output 3 W/ch. 19<sup>9</sup>/<sub>10</sub> x 16<sup>9</sup>/<sub>10</sub> x 20<sup>1</sup>/<sub>10</sub> in; 59.4 lb ..... \$650

### KMV-9002 19" TV with Built-in VCR

Table monitor/receiver with built-in VHS VCR. Features 105-channel cable-compatible tuner; up to 8 hours record/playback with a T-160 tape; unified remote control; 2 video heads; visual search; auto rewind at tape end; recording and playback in SP, LP and SLP modes; video S/N >43 dB; power consumption 110 W. 20<sup>1</sup>/<sub>8</sub> x 19<sup>7</sup>/<sub>8</sub> x 18<sup>7</sup>/<sub>8</sub> in; 68 lb ..... \$650

### GVT-9100M 5" Monitor/Videocassette Player

"Moviebox" 5" monitor with built-in videocassette player. Features square cornered picture tube; built-in amplifier and speaker; plays VHS tapes in SP speed; auto repeat; auto rewind; fine still; fine slow. 16<sup>3</sup>/<sub>4</sub> x 4<sup>7</sup>/<sub>8</sub> x 13<sup>1</sup>/<sub>2</sub> in; 17.7 lb \$600

### CMT-9442 19" Stereo TV with Remote

Table TV with on-screen display of channel and time feature; built-in MTS/SAP decoder; 139-channel cable-compatible tuner; comb filter; frequency synthesis tuning ..... \$600

## HEATHKIT

### GR-2700 27" Stereo TV Kit

Stereo TV kit (must be assembled). Features Zenith system-3 picture; remote control for TV and VCR functions; parental control over channels; flashback between two channels; flat black matrix picture tube. Receives 12 VHF, 56 UHF, 122 CATV channels; two 2<sup>1</sup>/<sub>2</sub>" and two 3" x 5" speakers. Horizontal resolution 330 lines; stereo output 435 mV, 600 ohms; stereo input 435 mV, 10 kilohms; speaker output 2 W from 80-20,000 Hz ± 3 dB into 8 ohms; amp output 2 W/ch, FR 100-20,000 Hz ± 3 dB, THD 1%. 26<sup>3</sup>/<sub>4</sub> x 18 x 17 in; 88 lb ..... \$650

## HITACHI

### TT7520 31" Digital Stereo Monitor/Receiver

Digital console TV with 31" aspherical high-performance square tube. Features 39-button unified remote control; built-in MTS/SAP decoder; dual tuners receive conventional VHF/UHF and 125 cable channels; digital special effects include picture-in-picture; A/V input/output jacks; Y/C inputs; built-in surround sound system; comb filter; on-screen display picture/sound control; turn-off timer; channel block. Horizontal resolution 600 lines. Cherry finished wood veneer cabinet; 34<sup>3</sup>/<sub>4</sub> x 41<sup>1</sup>/<sub>2</sub> x 22<sup>1</sup>/<sub>4</sub> in; 176.4 lb ..... \$2,500  
**CT3175.** As above except table-model with retractable speakers. 31 x 28 x 22 in; 132.4 lb \$2,300  
**CT3170.** As above without digital picture in picture feature ..... \$2,000

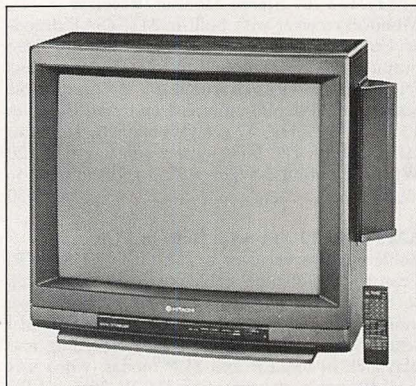
### CT2668 26" Stereo Monitor/Receiver

Console TV with 26" full-square picture tube. Features 30-button unified remote control; built-



# MONITOR/RECEIVERS

in MTS/SAP decoder; 181-channel cable-compatible tuner; 2 audio/video inputs; 1 A/V output; 2-way speakers; comb filter; on-screen display volume, channel, time. Horizontal resolution 500 lines. Contemporary-style cabinet; 39 $\frac{3}{8}$  x 32 $\frac{1}{2}$  x 19 $\frac{1}{16}$  in; 120 lb ..... \$950  
**CT2677.** As above except table model. 33 $\frac{3}{8}$  x 23 $\frac{1}{16}$  x 18 $\frac{1}{16}$  in; 116 lb ..... \$850  
**CT2667.** As above except table model; available in black or woodgrain finishes. 25 $\frac{1}{2}$  x 24 $\frac{3}{4}$  x 20 $\frac{1}{4}$ ; 110 lb ..... \$820



Hitachi CT3175

## CT2652 26" Monitor/Receiver

26" console monitor/receiver with built-in MTS/SAP. 69-channel cable compatibility; random-access electronic tuning; infrared remote control; on-screen display; comb filter; video and audio inputs ..... \$950

## CT2668 26" Stereo Monitor/Receiver

26" console monitor/receiver with built-in MTS/SAP stereo. 2 input/1 output A/V jacks; 4 built-in speakers with 2-ch audio amp; on-screen display; random-access electronic 181-channel tuning; 30-button unified remote control; last channel recall; vinyl cabinet over wood products. 39 $\frac{3}{8}$  x 32 $\frac{1}{16}$  x 19 $\frac{1}{16}$  in; 120 lb ..... \$950

## CT2649 26" Stereo Monitor/Receiver

26" Console monitor/receiver with built-in MTS/SAP. A/V input jacks; VHF/UHF/69 channel cable-ready tuner; infrared remote control; dual speaker system; comb filter ..... \$930  
**CT2648.** Tabletop version of above model ..... \$900

## CT2670 26" Stereo Monitor/Receiver

26" square tube tabletop monitor/receiver with built-in MTS/SAP. 500-line resolution; side-mounted front-firing speaker system; 28-button TV/VCR unified remote control; 49-channel cable-ready; on-screen display; black vinyl or wood-grain finishes. 25 $\frac{1}{4}$  x 23 $\frac{1}{2}$  x 19 in; 94.4 lb \$750

## CT2269 22" Stereo Television

22" square-corner tube television with built-in MTS/SAP. Optically tinted picture tube; 125-channel random-access electronic tuning; last channel recall; on-screen display; unified TV/VCR wireless remote control; off timer; 2-channel audio amplifier and 2 built-in speakers; 2 input/1 output A/V terminals. Compact swivel console; woodgrain or black finish. 30 $\frac{1}{4}$  x 35 $\frac{7}{8}$  x 20 $\frac{5}{8}$  in ..... \$750  
**CT-2268.** Tabletop version of above. 30 $\frac{1}{4}$  x 20 $\frac{1}{16}$  x 20 $\frac{5}{8}$  in ..... \$660

## CT-2661 26" Color Television

26" compact console with multi-TV-sound jack (for use with optional MTS/SAP adaptor VTMTS2). 125-channel random-access electronic tuning; on-screen display; A/V input jacks \$700  
**CT-2562.** 25" console version of above. 45 $\frac{1}{2}$  x 30 x 22 in; 139 lb ..... \$700

## CT-2254 22" Color Television

22" square tube compact console TV with multi-sound TV jack for optional VTMTS2 MTS/SAP adaptor. 49-channel cable compatibility; random-access electronic tuning with infrared remote control; optically tinted picture tube; on-screen display; comb filter; off timer; input/output A/V jacks; vinyl over wood products finish; built-in VCR shelf; casters. 25 x 33 $\frac{5}{8}$  x 20 $\frac{3}{8}$  in; 94.4 lb ..... \$620  
**CT-2262.** Same as above except cabinet swivels (no VCR shelf or casters) ..... \$620

## CT-2079 20" Monitor/Receiver

20" square tube tabletop monitor/receiver with built-in MTS/SAP and surround sound. 430-line horizontal resolution; luminar white balance control; on-screen display; 34-button TV/VCR unified remote control; 125-channel cable compatibility; last channel recall; off timer; black vinyl over wood products cabinet. 25 x 18 $\frac{1}{2}$  x 19 $\frac{1}{2}$  in; 57.4 lb ..... \$580

**CT-2077.** As above without surround sound; 25-button remote control; 49-channel cable compatibility ..... \$530

**CT-2076.** As above without MTS/SAP; 24 button remote control ..... \$440

## CT-2066 20" Monitor/Receiver

20" tabletop monitor/receiver with 20 button remote control; on screen display; 49 channel cable compatibility ..... \$420

## CT-2075 20" Monitor/Receiver

20" tabletop monitor/receiver with on screen display; luminar white balance; 23 button random access; off timer; last channel recall ..... \$420

## CK-290 5" Portable Monitor/Receiver

5" portable monitor/receiver with 3 way power operation (car DC adaptor and AC power pack included). Channel search stripe tuning. Options include wired remote with off timer and 2 channel memory and rechargeable battery; 6 x 6 $\frac{1}{2}$  x 12 $\frac{3}{4}$  in; 9.3 lb ..... \$370

**CK-280.** Same as above without AC power pack ..... \$360

## JVC

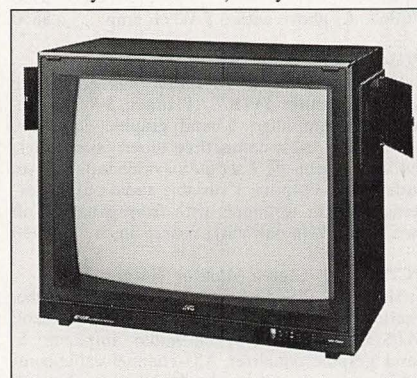
### AV-M3587S 35" Stereo Monitor

Network-series color table monitor with S-Video terminal for connecting separated Super VHS luminance and chrominance (Y/C) signals. 35" Full-Square data-grade tinted picture tube; video noise reduction; delay-line aperture control for enhanced picture edges; notch filter eliminates dot interference; Video Status Memory stores picture and sound settings for each source; three audio/video inputs; line outputs; amplifier delivers 5 watts per channel into two 2"-x-3 $\frac{1}{2}$ " speakers; terminals for external speakers; color on/off switch; switch for VHD videodiscs; measures ambient light for optimal brightness; wideband comb filter; one-year in-home service warranty on labor, two-year warranty on parts. Horizontal resolution 560 lines. 37" wide x 32 $\frac{1}{4}$ " high x 23 $\frac{1}{8}$ " deep; 220.5 lb ..... \$2,999

### AV-2687S 26" Stereo TV

Remote-controlled Network-series table TV with S-Video terminal for connecting separated Super VHS luminance and chrominance signals; square-corner data-grade tinted screen; built-in MTS/SAP decoder; remote controls TV and JVC VCR's; 142-channel cable-compatible tuner; three audio/video inputs; two RF inputs; one A/V output; one through output; one variable audio output; amplifier delivers 5 watts per channel; two 4 $\frac{3}{4}$ " speakers; terminals for external speakers; comb filter; three-color on-screen display of channel, video source, audio level, and sleep timer (adjustable in 10-minute steps up to 3 hours);

skew switch to fix skewed picture from stretched videotapes; switch for playing VHD videodiscs; black vinyl wood veneer; one-year service war-



ranty on labor, two-year warranty on parts. Horizontal resolution 560 lines; dot pitch 0.795 mm. 26 $\frac{1}{2}$ " wide x 22" high x 19 $\frac{5}{8}$ " deep; 104.3 lb ..... \$1,099

**AV-2657S.** Similar to above except Telstar II series; turns on up to 24 hours later; turns off up to 10 hours later; Master Command remote controls picture, menus, clock (real time, timer); auto channel scan; two RF inputs; one A/V output; one variable audio output; amplifier with tone control delivers 2.2 watts per channel; two 3 $\frac{1}{8}$ " x 4 $\frac{3}{4}$ " speakers. 26 $\frac{1}{2}$ " wide x 25" high x 21 $\frac{3}{8}$ " deep; 81.4 lb ..... \$799

**AV-2057S.** Similar to above except 20" screen; one A/V input and line/variable output terminals; two-year warranty on parts and labor. 19 $\frac{2}{3}$  x 18 $\frac{3}{4}$  x 20 $\frac{1}{32}$  in; 50.6 lb ..... \$569

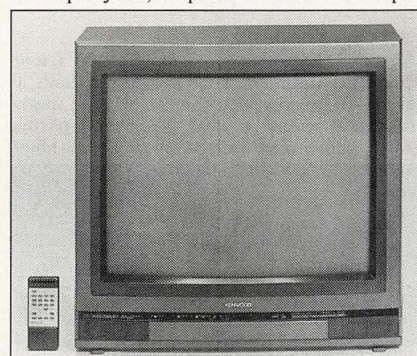
## C-2526 25" Monitor/Receiver

Table monitor/receiver with full-function wireless remote control; 112-channel tuner; one audio/video input; three-color on-screen display of channel, volume, video mode, sleep timer (up to 3-hour delay); combination rabbit ears and loop antennas; charcoal vinyl wrap over wood veneer; one-year in-home service warranty on labor, two-year warranty on parts ..... \$579

## KENWOOD

### KMT-2026 26" Monitor/Receiver with Remote

Table monitor/receiver with square screen format. 142-channel cable-compatible tuner; 2 video input, 2 audio input, external speaker output, video output jacks; amplifier delivers 5 watts-per-



channel; two 3 x 5" speakers; on-screen display of channel and time; turn-off timer; stereo synthesizer. Horizontal resolution 560 lines; 26 x 24 $\frac{5}{8}$  x 19 $\frac{1}{2}$  in; 90 lb ..... \$1,100

## LLOYD'S

### L960 19" Monitor/Receiver/VCR with Remote

Table monitor/receiver with built-in VCR and black matrix screen. 110-channel cable-compati-



# MONITOR/RECEIVERS

ble tuner; freeze frame; audio/video inputs/outputs; one-touch recording; on-screen display of channel and time and 6-event/14-day programming; edit button; auto power on/off; rewind and eject. 23½ x 26½ x 22½; 80lb .....\$1,100

**L951 13" Monitor/Receiver/VCR with Remote**  
Table monitor/receiver with built-in VHS VCR. Features wireless remote control; 110-channel cable-compatible tuner; 1-event/14-day programming; auto rewind; one-touch recording; high speed search; SP, LP and SLP recording/playback; still frame; audio/video input/outputs; 16½ x 14½ x 14½ in; 42 lb ..... \$900

## MAGNAVOX BY NAP

**RH7700AK 31" Stereo TV with Remote**  
Console TV with surround sound stereo system. Features 36-button menu-format remote control; 10 watt stereo sound system; 178 total channel capability; flat square picture tube; on-screen menu displays; channel block; rear-panel connections; built-in MTS/SAP stereo decoder. \$1,999

**RH7620AK 27" Stereo TV with Remote**  
Console TV with surround sound stereo system. Features 36-button menu-format remote control; 10-watt stereo sound system; 178 total channel capability; flat square picture tube; on-screen menu displays; channel guide display; channel block; rear-panel connections; built-in MTS/SAP stereo decoder .....\$1,399

**RH7610AL 27" Stereo TV with Remote**  
Console TV on pedestal with surround sound stereo system. Features 36-button menu-format remote control; 10-watt stereo sound system; 178 total channel capability; flat square picture tube; on-screen menu displays; channel guide display; channel block; rear-panel connections; built-in MTS/SAP stereo decoder .....\$1,399

**RH5570AK 27" Stereo TV with Remote**  
Console TV with surround sound stereo system. Features 36-button menu-format remote control; 10-watt stereo sound system; 178 total channel capability; contrast 52 flat square picture tube; on-screen menu displays; channel block; 6-speaker sound system; rear-panel connections; built-in MTS/SAP stereo decoder .....\$1,299

**RH7050AK 27" Stereo TV with Remote**  
Console TV with RF switcher. Features 36-button menu-format remote control; 10-watt stereo sound system; 178 total channel capability; flat square picture tube; on-screen menu displays; channel guide display; channel block; rear-panel connections; built-in MTS/SAP stereo decoder .....\$1,099

**RH5569AK 27" Stereo TV with Remote**  
Console TV with channel caption displays. Features 36-button menu-format remote control; stereo sound system; 178 total channel capability; flat square picture tube; on-screen menu displays; 4-speaker sound system; channel block; rear panel connections; built-in MTS/SAP stereo decoder .....\$1,099

**RH6056 27" Stereo TV with Remote**  
Console TV with two 5" x 3" speakers. Features 36-button menu-format remote control; stereo sound system; 178 total channel capability; contrast 52 flat square picture tube; random access touch-tuning; on-screen menu displays; personal preference control; rear-panel connections; built-in MTS/SAP stereo decoder ..... \$949

**RH5550AK 27" Stereo TV with Remote**  
Console TV with 4 speaker sound system. Features 36-button menu-format universal remote control; stereo sound system; 178 total channel



capability; contrast 52 flat square picture tube; on-screen menu displays; channel caption display; channel block; rear-panel connections; built-in MTS/SAP stereo decoder ..... \$899

**RH5956PE 26" Stereo TV with Remote**  
Console TV with two 6" x 4" speakers. Features 36-button menu-format universal remote control; stereo sound system; 178 total channel capability; contrast 52 full square picture tube; random access touch-tuning; on-screen menu displays; personal preference control; rear-panel connections; built-in MTS/SAP stereo decoder ..... \$849

**RH4950AK 25" Stereo TV with Remote**  
Console TV with two 5" x 3" speakers. Features 24 button Magnavox universal remote control; stereo sound system; 152 total channel capability; contrast 52 100" picture tube; random access touch-tuning; green LED channel display; sleep timer; built-in MTS/SAP stereo decoder .. \$699

**RH4550WA 26" Stereo TV with Remote**  
Table TV with random access touch tuning. Features 24 button Magnavox universal remote; stereo sound system; 152 total channel capability; contrast 52 full square picture tube; green LED channel display; sleep timer; electronic volume control; built-in MTS/SAP decoder ..... \$699

**RH4350WA 20" Stereo TV with Remote**  
Table TV with contrast 52 flat square picture tube. Features 36-button menu-format universal remote; stereo sound system; 178 total channel capability; random access touch-tuning; on-screen menu displays; personal preference control; high resolution filter; rear-panel connections; built-in MTS/SAP stereo decoder ..... \$579

**RH4340WA 20" Stereo TV with Remote**  
Table TV with contrast 52 flat square picture tube. Features 24 button Magnavox universal remote control; stereo sound system; 152 total channel capability; random access touch-tuning; green LED channel display; sleep timer; 4 speaker sound; built-in MTS/SAP stereo decoder .. \$479

**CH1000BK 3" Monitor/Receiver**  
Portable 3" monitor/receiver with active matrix liquid crystal display; 92,160 individual picture elements; 4-way power supply operation; built-in backlight unit; on-screen channel display; built-in loudspeaker; audio/video input jack; color, tint, brightness controls; earphone jack; 11.3 oz \$379

## MITSUBISHI

**CS-3503R 35" Stereo TV with Remote**  
Console TV with Diamond Vision; built-in MTS/SAP stereo decoder; comb filter; on-screen menu display; channel memory scan; quick view; sleep timer; channel lock; program timer; 181-channel tuner; S-VHS ready; 2 sets video in, video out, 2 sets stereo audio in, variable stereo audio out; 2 speaker sound, black vinyl clad .....\$1,950  
**CK-3513R.** Same as CS-3503R with oak veneer, optional base, and 4 speaker sound .....\$2,184

**CK-3555R.** Same as CS-3503R with 4 speaker sound and oak veneer .....\$2,418  
**CK-3557R.** Same as CS-3503R with hinged doors and 4 speaker sound .....\$2,418

**CK-3101R 31" Stereo TV with Remote**  
Console TV with Diamond Vision; built-in MTS/SAP stereo decoder; comb filter; on-screen menu display; channel memory scan; quick view; sleep timer; channel block; program timer; 181-channel tuner; S-VHS ready; 2 sets video in, video out, 2 sets stereo audio in, variable stereo audio out; 4 speaker sound.....\$1,596

**CK-2693R 26" Stereo TV with Remote**  
Console TV with Diamond Vision; built-in MTS/SAP stereo decoder; comb filter; on-screen menu display; channel memory scan; quick view; sleep timer; channel block; program timer; 181-channel tuner; S-VHS ready; 2 sets video in, video out, 2 sets stereo audio in, variable stereo audio out; 4 speaker sound; cherry veneer finish .....\$1,064  
**CK-2694R.** Same as CK-2693R with oak veneer and no doors on cabinet ..... \$912

**CS-2670R 26" Digital Stereo TV with Remote**  
Digital 26-inch television with built-in MTS decoder. Features freeze frame; picture-in-a-picture; preview allowing sample images from 9 channels at a time; 2-speed strobe; 139-channel cable-ready random-access tuner; programmable channel scan; RGB input; wireless remote with illuminated keys; 2 RF inputs; 2 video with stereo audio inputs; 1 audio/video output; external speaker jacks; bass, treble, loudness and balance controls; auto-fine tuning; comb filter; last channel recall; off timer; on-screen display .....\$1,026

**CS-2655R 26" Stereo TV with Remote**  
Table TV with Diamond Vision for improved contrast and absorption of ambient light; built-in MTS/SAP stereo decoder; comb filter; on-screen menu display; quick view; sleep timer; channel block; program timer; 181-channel tuner; S-VHS ready; 2 sets video in, video out, 2 sets stereo audio in, variable stereo audio out ..... \$722

**CK-2600 26" Stereo Television with Remote**  
Console TV with Diamond Vision for improved contrast and absorption of ambient light; built-in MTS/SAP stereo decoder; comb filter; on-screen display; quick view; 125-channel tuner; video in, stereo audio in, stereo audio out; 2 speaker sound ..... \$669

**CS-2653R 26" Stereo TV with Remote**  
Table TV with Diamond Vision for improved contrast and absorption of ambient light; built-in MTS/SAP stereo decoder; comb filter; on-screen display; quick view; sleep timer; 125-channel tuner; video in stereo audio in, stereo audio out; pecan grain finish ..... \$570  
**CS-2654R.** As above with dark-gray finish \$570

**CS-2087R 20" Stereo TV with Remote**  
Table TV with Diamond Vision for improved contrast and absorption of ambient light; built-in MTS/SAP stereo decoder; comb filter; on-screen display; channel memory scan; quick view; sleep timer; channel block; program timer; 125-channel tuner; 2 sets video in, video out, 2 sets stereo audio in, variable stereo audio out, 4 speaker sound; oak veneer finish .....\$494

**CS-2054R 20" Stereo TV with Remote**  
Table TV with Diamond Vision for improved contrast and absorption of ambient light; built-in MTS/SAP decoder; comb filter; on-screen display; channel memory scan; quick view; sleep timer; channel block; program timer; 125-channel tuner; 2 sets video in, video out, 2 sets stereo audio in, variable audio out; pecan finish .... \$479  
**CS-2056R.** As above in dark gray ..... \$479



# MONITOR/RECEIVERS

## CS-2013R 20" Stereo TV with Remote

Table TV with Diamond Vision for improved contrast and absorption of ambient light; built-in MTS/SAP decoder; comb filter; on-screen display; quick view; sleep timer; 125-channel tuning; video in, stereo audio in, and stereo audio out jacks; pecan grain finish ..... \$380  
**CS-2014.** Same as CS-2013 with dark gray finish ..... \$380

## NEC

### DT-2680A 26" Stereo Digital Monitor/Receiver

Table monitor/receiver with digital video and flat square screen. Video can be processed for picture-in-picture and 3 still pictures in memory. Also features monitor-in function for swapping pictures; digital processing LSI for video, chroma (with comb filter); 8-pin RGB input for computer input; 3 audio/video inputs; 2 monitor outputs; 2 audio outputs; built-in MTS decoder for stereo TV and SAP; 142-channel PLL-synthesizer cable-ready tuner with presets; full-function wireless remote control; on-screen display of channels from full-function remote control; sleep timer for auto shutoff; video and audio 2-type auto preset control function; auto white-balance control. Horizontal resolution greater than 340 lines; receives VHF, UHF, 60 CATV channels; built-in stereo amp output 5 watts x 2 (THD 1%) for 2 external speakers. 26 x 19 $\frac{1}{2}$  x 22 $\frac{5}{8}$  in; 108 lb .... \$1,999

### KX-2750A 27" Stereo Monitor/Receiver

Table model monitor/receiver. Planar-tinted to cut glare, set features stereo amp with 10-W/ch output; built-in stereo speakers; built-in MTS/SAP decoder for stereo TV and separate audio on SAP channel; remote-control with picture and audio controls; 3 video inputs, 2 video outputs; on-screen display of all functions; comb filter; auto picture control (black-level retention, peak-white suppression); channel lock; 24-hr timer and 180-min sleep timer. Horizontal resolution 500 lines; receives VHF, UHF, 60 CATV channels; simulated stereo for mono programs; 164-channel PLL-synthesizer tuning with random access from remote-control. 42 $\frac{1}{8}$  x 27 $\frac{3}{8}$  x 17 $\frac{9}{16}$  in; 165.6 lb ..... \$1,300

### CT-2700A 27" Stereo Monitor/Receiver

Table monitor/receiver with square planar picture tube. Full coverage cable-compatible tuner; 3 audio/video inputs; one audio/video output; external speaker jacks; amplifier delivers 2.5 watts per channel; 2 speakers; comb filter; on-screen display of channel and time; turn-off timer; channel block. Horizontal resolution 560 lines; sound widening for simulated stereo; built-in MTS/SAP stereo decoder; dbx noise reduction; 24 hour start-up timer; quick view for shuttling between two channels. 26 $\frac{1}{2}$  x 16 $\frac{1}{2}$  x 23 $\frac{2}{32}$  x 18 $\frac{29}{32}$  in; 90.2 lb ..... \$1,199

### CT-2620A 26" Stereo Monitor/Receiver

Table monitor/receiver with full square black stripe picture tube. Full coverage cable-compatible tuner; 2 audio/video inputs; video monitor output; two stereo audio outputs; amplifier delivers 3 watts per channel; 2 speakers; comb filter; on-screen display of channel and time; turn-off

timer; channel block. Horizontal resolution 560 lines; sound widening for simulated stereo; built-in MTS/SAP stereo decoder; dbx noise reduction; sleep timer. 26 x 23 $\frac{5}{8}$  x 19 $\frac{1}{16}$  in ... \$1,049

### CT-2610 26" Stereo Monitor/Receiver

Table monitor/receiver with full-square tube, MTS and SAP. Features 2 front-mounted stereo speakers powered by 3-W/ch amp (THD 1%), with external speakers 5-W/ch output (THD 1%); headphone/earphone outputs; bass, treble, and balance controls; comb filter; on-screen channel/time display. Rear-panel includes: 2 RF inputs, 1 RF output, 2 video inputs, 1 monitor output, 1 TV output, and 2 sets of stereo/audio outputs. Receives VHF, UHF, and 60 CATV channels. Horizontal resolution 400 lines; 142-channel cable-ready PLL-synthesizer tuner with random-access remote control; 26 x 23 $\frac{5}{8}$  x 19 in ..... \$1,000

### CT-2660A 26" Stereo Monitor/Receiver

Table monitor/receiver with flat square cornered screen. 142-channel cable-compatible tuner; 1 video input; 2 audio inputs/outputs; amplifier delivers 2.5 watts per channel; 2 speakers; comb filter; on-screen display of channel and time; turn-off timer. Horizontal resolution 380 lines. 30 $\frac{3}{4}$  x 23 $\frac{1}{2}$  x 21 $\frac{1}{4}$  in; 84.9 lb ..... \$799

### CT-2020 20" Stereo Monitor/Receiver

Similar to CT-2610 with 20-inch, flat-square tube. Other differences: 2.5-W/ch output from stereo amp; resolution 350 lines. 20 $\frac{5}{8}$  x 19 $\frac{3}{8}$  x 19 $\frac{3}{32}$  in; 57.8 lb ..... \$799

### CT-2060A 20" Stereo Monitor/Receiver

Similar to CT-2660 with 20-inch, flat-square screen. 24 x 17 $\frac{3}{32}$  x 18 $\frac{1}{2}$  in; 48.5 lb ..... \$600

### CT-2006A 20" Stereo Monitor/Receiver

Table monitor/receiver with tinted flat square screen. Full-coverage cable-compatible tuner; 1 stereo audio/video input; 1 audio/video output; amplifier delivers 1.5 watts per channel; 2 speakers; comb filter; turn-off timer. 20 $\frac{1}{4}$  x 18 $\frac{1}{16}$  x 18 $\frac{1}{32}$  in; 49.6 lb ..... \$549

## PANASONIC

### CTJ-3170R 31" Stereo Monitor/Receiver

Table monitor/receiver with infrared remote control. Features 155-channel cable-compatible tuner; audio/video input, program out and variable audio output jacks; amplifier delivers 2 watts per channel; 2 6 x 2 $\frac{1}{2}$ " and 2 2" speakers; comb filter; on-screen display of channel and time; turn-off timer; channel block. Horizontal resolution >400 lines; 33 $\frac{1}{16}$  x 27 $\frac{5}{8}$  x 21 $\frac{1}{16}$  in ..... \$2,700

### CTJ-2788R 27" Stereo Monitor/Receiver

Console monitor/receiver with swivel base and VCR storage compartment. Features 155-channel cable-compatible tuner; remote control; stereo audio/video input, TV out, program out and variable audio output jacks; amplifier delivers 8 watts per channel; two 7 $\frac{1}{2}$ " x 5" and two 2" speakers; comb filter; SAW filter; on-screen display; turn-off timer; channel block. Horizontal resolution >400 lines; 39 $\frac{1}{16}$  x 36 $\frac{1}{16}$  x 21 $\frac{1}{8}$  in ..... \$1,400

### CTJ-2790R 27" Stereo Monitor/Receiver

Table monitor/receiver with surround sound circuitry. Features 155-channel cable-compatible tuner; remote control; audio/video input, program out and variable audio output jacks; amplifier delivers 2 watts per channel; two 6" x 2 $\frac{1}{2}$ ", two 2" speakers; comb filter; on-screen display; turn-off timer; Horizontal resolution >400 lines; 29 $\frac{3}{4}$  x 23 $\frac{1}{16}$  x 19 $\frac{1}{16}$  in ..... \$1,150

### CTJ-2782R 27" Stereo Monitor/Receiver

Console monitor/receiver with electronic color control. Features 155-channel cable-compatible

tuner; remote control; stereo audio/video input, program out and variable audio output jacks; amplifier delivers 2 watts per channel; two 4" x 6" speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; channel block. Horizontal resolution more than 400 lines; 42 $\frac{1}{16}$  x 29 $\frac{3}{4}$  x 20 $\frac{1}{16}$ ; 162 $\frac{1}{2}$  lb ..... \$1,100

### CTJ-2787R 27" Stereo Monitor/Receiver

Console monitor/receiver features remote control; broadcast stereo reception with dbx noise reduction. 155-channel cable-compatible tuner; stereo audio/video input, program out and variable audio output jacks; amplifier delivers 2 watts per channel; two 4" x 6" speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; channel block. Horizontal resolution more than 400 lines; 46 $\frac{1}{16}$  x 30 $\frac{1}{16}$  x 21; 171 lb ..... \$1,100

### CTJ-2780R 27" Stereo Monitor/Receiver

Table monitor/receiver with home A/V system compatibility. Features remote control; 155-channel cable-compatible tuner; stereo audio/video, TV out, program out, and variable output jacks; amplifier delivers 4 watts per channel; two 2", and two 5" x 7" speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; channel block. Horizontal resolution more than 400 lines; 26 $\frac{1}{16}$  x 23 $\frac{1}{16}$  x 20 $\frac{3}{8}$  in; 97 lb ..... \$1,050

### CTJ-2781 27" Stereo Monitor/Receiver

27" stereo monitor/receiver with square-corner picture tube. Features TV/VCR remote control; 155-channel cable-compatible tuning; built-in MTS/SAP decoder; 2-W/ch stereo amplifier; on-screen display of time, channel, sleep timer, volume, video signal and antenna source; stereo audio/video input; program out and variable audio output jacks; channel block; sleep timer; programmable scan; sharpness control; video sensor. Horizontal resolution >400 lines composite input. Contemporary cabinet with oak woodgrain finish; 41 $\frac{1}{16}$  x 30 $\frac{1}{4}$  x 19 in ..... \$1,000

### CTJ-2770R 27" Monitor/Receiver

Table monitor/receiver featuring 2-way 4-speaker system with front firing tweeters. Features 155-channel cable-compatible tuner; remote control; audio/video input; program out; variable audio output; two 7" x 5" and two 2" speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; channel block. Horizontal resolution more than 400 lines; 26 $\frac{1}{16}$  x 23 $\frac{1}{16}$  x 20 $\frac{3}{8}$  in; 97 lb ..... \$950

### CTH-2571R 25" Monitor/Receiver

Console monitor/receiver with home A/V system compatibility. Features 155-channel cable-compatible tuner; remote control; stereo audio/video input, through out and variable audio output jacks; amplifier delivers 2 watts per channel; two 4" x 6" speakers; comb filter; SAW filter; turn-off timer. Horizontal resolution more than 400 lines; 39 $\frac{1}{16}$  x 31 $\frac{1}{2}$  x 18 $\frac{3}{4}$ ; 130 $\frac{1}{16}$  lb ..... \$900

### CTJ-2580R 25" Monitor/Receiver

Table monitor/receiver with unified remote control for VCR and TV. 155-channel cable-compatible tuner; audio/video input; variable audio output; two 5" speakers; comb filter; SAW filter; turn-off timer; horizontal resolution more than 400 lines; 24 $\frac{3}{4}$  x 21 $\frac{5}{8}$  x 17 $\frac{1}{8}$  in; 73.5 lb .. \$800

### CTJ-2560R 25" Monitor/Receiver

Table monitor/receiver with A/V input and program output jacks. Features 155-channel cable-compatible tuner; remote control; 2 video inputs; 2 audio inputs; 1 A/V output; two 5" speakers; SAW filter; turn-off timer; Horizontal resolution more than 400 lines; 24 $\frac{3}{4}$  x 21 $\frac{5}{8}$  x 17 $\frac{1}{8}$ ; 73.5 lb; approx ..... \$700

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



# MONITOR/RECEIVERS

## CTJ-2065R 20" Monitor/Receiver

Table monitor/receiver with separate audio program capability. 155-channel cable-compatible; remote control; tuner; 2 video inputs; 2 audio inputs; 1 video output; 1 audio output; amplifier delivers 2 watts per channel; two 4" speakers; SAW filter; turn-off timer; channel block. Horizontal resolution more than 400 lines; 20 1/4 x 18 1/16 x 15 1/16 in; 51 1/8 lb ..... \$700

## CTJ-2062R 20" Stereo Monitor/Receiver

Table monitor/receiver featuring broadcast stereo reception with dbx noise reduction. Features 155-channel cable-compatible tuner; remote control; 2 variable audio outputs; amplifier delivers 2 watts per channel; 2 4" speakers; SAW filter; turn-off timer; 19 7/8 x 19 1/4 x 18 7/8 in; 50 lb ..... \$600

## CT-333S 3" Monitor/Receiver

Miniature portable monitor/receiver with auto-search. 68-channel tuner; 1 audio/video input; 2 speakers; 4 1/16 x 5 x 2 13/16 in; 1 3/16 lb .... \$550

## CTJ-2053R 20" Monitor/Receiver

Table monitor/receiver with square corner picture tube. Features remote control; 155-channel cable-compatible tuner; 1 video input; 1 audio input; 1 audio output; 1 4" speaker; SAW filter; on-screen display of channel and time; turn-off timer; 19 1/4 x 18 7/8 x 19 7/8 in; 49 1/2 lb ..... \$520

## CTJ-1463R 14" Monitor/Receiver

Table monitor/receiver with square corner picture tube. Features remote control; 155-channel cable-compatible tuner; 1 video input; 1 audio input; 1 audio output; one 4" speaker; SAW filter; on-screen display of channel and time; turn-off timer; channel block. 14 1/16 x 14 1/16 x 15 7/8 in; 29 lb ..... \$450

## PHILCO BY NAP

### R7083BAK 27" Stereo TV

Console TV with black matrix screen; remote control; built-in MTS/SAP decoder; dbx noise reduction; 178-channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; video input and output jacks; speakers; on-screen display of channel and time; turn-off timer. 42 x 30 x 17 in ..... \$960

### R6985BPE 26" Stereo TV

Console TV with black matrix screen; remote control; built-in MTS/SAP decoder; dbx noise reduction; 178-channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; 2 speakers; on-screen display of channel and time; turn-off timer; traditional styled cabinet. 43 x 29 1/4 x 18 1/2 in ..... \$890

**R6983BAK.** As above with contemporary styled cabinet ..... \$890

### R5882BPE 25" Stereo TV

Console TV with black matrix screen and 100" picture tube; remote control; built-in MTS/SAP decoder; 152-channel cable-compatible tuner; 2 speakers; turn-off timer; SAW filter; random-access tuning; LED channel display; traditional styled cabinet. 36 1/2 x 29 1/4 x 18 1/2 in ..... \$750

**R5880BPE.** As above with contemporary styled cabinet. 34 1/2 x 29 1/2 x 17 1/2 ..... \$750

## PHILIPS BY NAP

### 31H331SB 31" Stereo Monitor/Receiver

Console monitor/receiver with flat square black matrix picture tube and cinema sound stereo system. Features Philips universal remote for many brands of A/V components; built-in MTS/SAP stereo decoder; favorite station scan tuning; alternate channel; channel caption display; external speaker connectors; 178-channel cable-compatible tuner; direct A/V inputs/outputs; amplifier

delivers 10 watts per channel; 4 speakers; comb filter; on-screen display of channel and time; turn-off timer; channel block. channel guide display; black ash cabinet with rosewood accents ..... \$2,299  
**27H325SB.** As above with 27" screen ... \$1,299  
**27H327SA.** As above with 27" screen and light ash cabinet ..... \$1,299  
**27H326SB.** As above with 27" screen and storage compartment ..... \$1,299  
**27H324SB.** As above with 27" screen. Table model ..... \$949

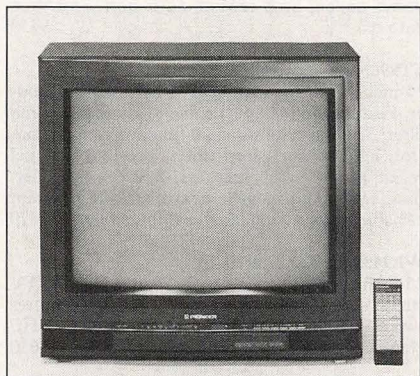
## PIONEER

### SD-2601 26" Stereo Monitor/Receiver

26" full-square high-resolution monitor/receiver with MTS decoder for stereo broadcasts. SR remote controls Pioneer LaserVision players and VCR's; 10-key direct-access cable-capable tuner; multi-function on-screen display; three video inputs with stereo audio; two video outputs with stereo audio; built-in speakers with 5-W/ch amplifier; external speaker outputs. 560 lines horizontal resolution. 26 1/5" wide x 22 5/8" high x 19 1/20" deep ..... \$1,200

### SD-2600 26" Stereo Monitor/Receiver

26" full-square monitor/receiver with MTS decoder for stereo broadcasts. SR remote controls Pioneer LaserVision players and VCR's; 10-key direct-access cable-capable 125-channel tuner; wide-band comb filter; on-screen display of channel, time, sleep timer; two video inputs with stereo audio; two video outputs with stereo audio;



line-level audio outputs; built-in speakers with 5-W/ch amplifier; simulated stereo; balance, bass, treble controls; external speaker outputs; clock. 560 lines horizontal resolution. 26 x 24 1/4 x 19 1/2 in; 99 lb ..... \$1,000

## PROTON

### VT-290 27" Stereo Monitor/Receiver

27" stereo monitor/receiver. Set decodes multi-channel TV stereo signal with no change required. Features 380 lines of horizontal resolution; video noise reduction; 139-channel cable-compatible tuning; switchable video sources and RF inputs; front-panel A/V inputs/outputs; bass/treble/balance controls; RGB input; on-screen channel display. Receives VHF, UHF, and CATV channels. Audio amplifier section: 3-W/ch; frequency response 20-20,000 Hz  $\pm$  3dB. 27 1/2 x 24 x 17 in; 104 lb ..... \$1,299

### 625 25" Stereo Monitor/Receiver

25" monitor/receiver with stereo SAP decoder and built-in speakers. Horizontal resolution 380 lines; video signal-to-noise ratio 50 dB; receives 139 channels. Features three audio inputs; three audio outputs; three video inputs; three video outputs; digital tuning; video noise reduction system; automatic/manual fine tuning; cable converter loop; random-access remote control; on-screen

display; RGB input; last-channel recall; 5% overscan. Audio power amplifier: FR 20-30,000 Hz  $\pm$  3 dB; tone controls  $\pm$  10 dB treble,  $\pm$  10 dB bass; geometric distortion 0.7%; video bandwidth 4.7 MHz. 26 x 25 x 20 1/2 in; 89 lb ..... \$1,099

### VT-210 20" Stereo Monitor/Receiver

Monitor/receiver with built-in MTS (stereo/SAP) decoder. 20" flat-square screen provides high-contrast; horizontal resolution 400 lines;



139-channel cable-compatible; on-screen channel display. Features front-panel audio/video inputs/outputs; variable and fixed audio outputs; bass, treble and balance controls; external stereo speaker connections and infrared remote control. Receives VHF, UHF, and CATV. Audio amplifier section: 3-W/ch, FR 20-30,000 Hz  $\pm$  3 dB. 21 x 19 3/4 x 20 1/2 in; 60 lb ..... \$849

### 619A 19" Stereo Monitor/Receiver

Receiver/monitor with stereo SAP reception and built-in speakers. Screen size 19"; horizontal resolution 380 lines; video signal-to-noise ratio 50 dB; receives 139-channels. Features two audio inputs; two audio outputs; two video inputs; two video outputs; digital tuning; video noise reduction system; remote control; last-channel recall; 5% overscan. Audio power amplifier: frequency response 20-30,000 Hz  $\pm$  3 dB; tone control  $\pm$  10 dB treble;  $\pm$  10 dB bass. 21 1/4" w x 19 3/4" h x 19 3/4" d; 61 1/4 lb ..... \$749

### P602M 25" Color Monitor

Color monitor with 25" screen; horizontal resolution 380 lines; video bandwidth  $>$ 4.7 MHz; 5% overscan; geometric distortion 0.7%. Features 1 audio input; 1 audio output; 1 video input; 1 video output; comb filter; ultra-stable power supply; 5 watt stereo amplifier; high black level retention; auto shut-off timer. Audio power amplifier: frequency response 40-12,000 Hz  $\pm$  3 dB. 26" wide x 23" high x 20 1/2" deep ..... \$899

### VM-210 20" Color Monitor

20" flat, square screen monitor. Features 400 lines resolution, 9 pin RGB connector, BNC connectors, standby auto shutoff when all video input signals have ceased. 3 watt stereo amplifier; frequency response 20-20,000 Hz  $\pm$  3 dB; 21 x 19 3/4 x 20 1/2 in; 59 lb ..... \$649

### P600M 19" Color Monitor

Color monitor with 19" screen. Horizontal resolution 370 lines; video bandwidth  $>$ 4.7 MHz; 5% overscan; geometric distortion 0.7%. Features 1 audio input; 1 audio output; 1 video input; 1 video output; high-performance comb filter; precision deflection yoke; ultra-stable power supply; auto shut-down; high black-level retention; 3.5-watt stereo amplifier. Audio power amp: frequency response 40-12,000 Hz  $\pm$  3 dB. 21 1/2" w x 18" h x 19" d; 70 lb ..... \$549



# MONITOR/RECEIVERS

## QUASAR

### TS9990BK 31" Monitor/Receiver

Console monitor/receiver with remote control and on-screen display. 155-channel cable-compatible tuner; audio input/output; video input/output; Y/C inputs; 4 speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; built-in MTS/SAP stereo decoder; channel block; channel sensor .....\$2,250

### TL9988BP 27" Monitor/Receiver

Console monitor/receiver with remote bass, treble and balance controls. 155-channel cable-compatible tuner; audio input jack; video input/output jacks; comb filter; turn-off timer; built-in MTS/SAP stereo decoder; channel block; unified remote control; RF switch; amplifier delivers 2 watts per channel .....\$1,019

### TT9000YQ 26" Monitor/Receiver

26-inch monitor/receiver with built-in MTS/SAP decoder. Features 155-channel tuning; sleep timer; channel check; channel censor; three audio left+right, three video inputs; one audio left+right, one video output; two 4 1/2" speakers; comb filter; 420 line horizontal resolution; remote RF and video switching; detachable casters and viewing angle adjusters. Video section: receives 12 VHF, 56 UHF, 87 CATV channels. Audio amplifier section: 4 W/ch; frequency response 100-18,000 Hz. 27 3/4 x 25 3/4 x 23 1/4 in; 114 lb .....\$1,000

### TL9982AW 27" Monitor/Receiver

27" monitor/receiver with built-in MTS/SAP decoder. Features 27" full-square high-contrast picture tube; 155-channel total cable tuning; TV/VCR unified wireless remote control; audio/video input/output jacks; remote RF switching; comb filter; 330/400 lines of resolution; programmable channel scan; sleep timer; channel censor; channel check station recall; contemporary style walnut console cabinet .....\$1,000

### TL9960AP 26" Monitor/Receiver

26-inch TV with built-in MTS/SAP decoder. Features comb filter; 330/400 line resolution (tuner/direct video); one audio left+right, one video input; one audio left+right through-out; 1 video through-out; two 5" x 7" speakers; remote RF and video switching; sleep timer; channel check previous channel recall; channel sensor; 34-function TV/VCR unified remote control. Video section: receives 12 VHF, 56 UHF, 87 CATV channels. Contemporary style console cabinet 39 1/8 x 29 1/4 x 17 1/8 in; 129 lb .....\$960

**TU9952AU.** As above with two 4" x 6" speakers .....\$900

**TU9970YP.** As above with larger cabinet to accommodate a VCR .....\$970

**TU9962YK.** As above without video input or output .....\$730

### TT9901BE 27" Stereo Monitor/Receiver

Table monitor/receiver with external speaker jacks and ebony cabinet. 155-channel cable-compatible tuner; audio/video inputs; 2 speakers; comb filter; turn-off timer; RF switch; built-in MTS/SAP stereo decoder .....\$860

### TL9951AK 25" Stereo TV

25-inch stereo TV with 155-channel cable-ready tuner. Features built-in MTS/SAP decoder; remote control; comb filter; sleep timer; channel-check previous channel recall; light sensor; auto color adjustment; two 4" x 6" speakers; 2 W/ch amplifier; balance control. Contemporary style console cabinet; 30 7/8 x 41 1/4 x 18 1/8 in .....\$820

### TT9909AE 26" Stereo TV

26-inch stereo TV with 155-channel tuning; sleep timer; channel check; channel censor; unified remote control. Set decodes multi-channel TV stereo

signal with no change required. Features one audio left+right, and one video inputs; one TV audio left+right output; two 4" x 6" speakers; remote RF, video switching. Video section: receives 12 VHF, 56 UHF, 87 CATV channels. Black finish cabinet 25 1/2" wide x 22 1/2" high x 18 1/2" deep; 93 lb .....\$770

**TT9908AW.** As above with simulated wood grain cabinet .....\$770

### VV7220 20" Monitor/VHS VCR

VCR with 20" monitor/receiver. Features full square picture tube monitor; 26-function unified



remote control; 155-channel quartz tuner; CCD digital filter; 2-event, 14-day programming; one touch recording; high-speed search at 7 and 21 times normal speed; double-speed playback; still-frame; turn-off timer; auto color control; auto power on/off; auto rewind; auto eject; recording auto off .....\$750

### TT9905AW 25" Stereo TV

25-inch stereo TV with built-in MTS/SAP decoder. Features 155-channel cable-ready tuner; comb filter; 330 line resolution; 20-function remote control; light sensor; sleep timer; previous channel recall; two 4" x 6" speakers; 2 W/ch amplifier; bass, treble and balance controls; L/R program variable output; simulated walnut cabinet. . \$670

### WL9432AK 25" Stereo TV

25-inch stereo TV. Set decodes multi-channel TV stereo signal with no change required. Features two 4" x 6" speakers. Receives 12 VHF, 56 UHF channels. 47 3/4 x 28 1/2 x 18 3/4 in .....\$650

### TT9804AU 25" Monitor/Receiver

25-inch monitor/receiver with 155-channel tuning, sleep timer, and channel check. Set decodes multi-channel TV stereo signal with addition of DC4300 stereo decoder by owner. Features 20-function remote control; one audio left/right, one video input; audio left/right through-out, video through-out; two 4" x 6" speakers; remote RF switching. Receives 12 VHF, 56 UHF, 87 CATV channels. 25 1/4 x 23 1/2 x 21 1/4 in; 93 lb ....\$590

### UP1348E Spectator 3" Monitor/Receiver

Portable monitor/receiver with LCD display. 1 audio/video input; includes AM/FM radio; auto search tuning; on-screen display; VHF/UHF antenna; back light; operates by rechargeable battery, AC adaptor or car cord or by optional alkaline battery with 5 1/2 hours of viewing time. Includes A/V cord, soft case and wrist strap \$549

### TT6248YW 20" Stereo TV

20-inch table-top stereo television with built-in MTS/SAP decoder. Features 155-channel cable-ready tuner; sleep timer; previous channel recall; 20-function remote control. Includes VHF and UHF antennae. 19 x 20 7/8 x 19 1/2 in .....\$540

### TT6278YW 20" Monitor/Receiver

20-inch color monitor/receiver with full-square tinted screen, 155-channel tuning, sleep timer,

and channel check. Set decodes multi-channel TV stereo signal with addition of DC4300YA stereo decoder. Features remote control; 75/300-ohm video input and through-out; audio input and through-out. Receives 12 VHF, 56 UHF, 87 CATV channels. 20 x 18 5/8 x 20 1/4 in .....\$470

### TT6277YW 20" Monitor/Receiver

20-inch color monitor/receiver with full-square tinted screen, 155-channel tuning, sleep timer, and channel check. Set decodes multi-channel TV stereo signal with addition of DC4300YA stereo decoder. Features 75/300-ohm input; 6 1/4" x 2 1/4" speakers; 19-function remote control. Receives 12 VHF, 56 UHF, 87 CATV channels. 20 x 18 5/8 x 20 1/4 in; 54 lb .....\$450

## RADIO SHACK

### TC-1001 (16-251) 19" Stereo TV

19-inch monitor/receiver with MTS/SAP and PLL tuner. Horizontal resolution 320 lines; scan memory; 140-channel tuner receives VHF, UHF, CATV channels; decodes multi-channel signal



with no change required. Features 2 audio inputs; 1 audio output; 2 video inputs; 1 video output; comb filter; remote control; HRC, IRC, ICC cable switch. 17 7/8 x 20 1/4 x 18 3/8 in .....\$500

**TC1010.** As above with 1 audio input/output; 1 video input/output .....\$400

### 16-233 13" Monitor/Receiver

Monitor/receiver with IR remote control. Screen size 13 inches; horizontal resolution 320 lines; receives VHF, UHF, and CATV channels. Features 110-channel cable-compatible tuner; turn-off timer; comb filter; PLL tuning system; 1 audio input; 1 audio output; 1 video input; 1 video output. 12 3/4 x 14 1/8 x 14 3/8 .....\$300

### 16-108 Portavision 5" Monitor/Receiver

5" monitor receiver; electronic tuning system; 1 audio input; 1 audio output; 1 video input; 1 video output. 5 1/8 x 6 1/16 x 10 5/8 .....\$300

## RCA

### GPR2798 27" Monitor/Receiver

27" console stereo monitor/receiver with Dimensia system digital remote control. Features remote control with on-screen display of all A/V functions; 3 stereo audio/video inputs; 2 stereo audio/video outputs (one bridged with input 1); 1 stereo audio output; external speaker terminals; EIA multiport connector; RCA audio/video system compatibility; MTS/SAP decoder; individual balance, bass, and treble controls; volume compensated bass and treble enhancement; 147-channel cable-compatible tuning with auto-programming; Vista Screen 27 Hi-Con picture tube; comb filter; amplifier delivers 5 watts per channel; 2 5" woofers; 2 2" tweeters; sleep timer; on/off programming; channel block. Horizontal resolution 400 lines; audio frequency response 50-20,000 Hz  $\pm 3$  dB. Contemporary cabinet with in-



# MONITOR/RECEIVERS

tegral audio/video component storage unit. Exterior finished in gunmetal metallic lacquer, interior finished in black lacquer. Acrylic optical panel over picture area; acrylic door over storage area; concealed casters. 48 1/2 x 32 1/4 x 20 in. . . \$1,349  
**GPR2790.** As above with contemporary-style cabinet. 49 1/4 x 29 7/8 x 18 1/8 in. . . \$1,249  
**GPR2760.** As above with contemporary-style oak-finish cabinet. 44 1/4 x 30 5/8 x 19 3/8 in. . \$1,199  
**GPR2751.** As above with contemporary-style cabinet with integral audio/video component storage unit. Oak-finish with bronze tempered-glass component compartment door. 50 x 32 x 19 inches . . . \$1,099  
**GPR2758.** As above with traditional-style pecan-finished cabinet. 46 7/8 x 30 x 20 1/4 in. . . \$1,049  
**GPR2755.** As above with country-american-style genuine-pine and pine-veneer finished cabinet. 46 3/4 x 33 1/8 x 20 3/8 in. . . \$1,049  
**GPR2750.** As above with modern-style pecan-finished cabinet; swivel base. 41 3/8 x 29 1/4 x 19 3/8 inches . . . \$1,049  
**GPR2743.** As above with slimline contemporary-style cabinet; rosewood finish top and base; black-lacquer end panels; black woven grille-cloth; swivel base. 31 7/8 x 31 5/8 x 19 in. . . \$999  
**GPR2740.** As above with slimline contemporary-style cabinet; oak finish; swivel base. 31 1/2 x 32 3/4 x 18 3/8 in. . . \$949

**FPR2725 27" Stereo Monitor/Receiver**  
 27" table-model stereo monitor/receiver with Dimensia system digital remote control. Features remote control with on-screen display of all A/V functions; 3 stereo audio/video inputs; 2 stereo audio/video outputs (1 bridged with input 1); 1 stereo audio output; external speaker terminals; EIA multiport connector; RCA audio/video system compatibility; MTS/SAP decoder; individual balance, bass, and treble controls; volume compensated bass and treble enhancement; 147-channel cable-compatible tuning with auto-programming; Vista Screen 27 Hi-Con picture tube; comb filter; amplifier delivers 5 watts per channel; 2 5" woofers; 2 2" tweeters; sleep timer; on/off programming; channel block. Horizontal resolution 400 lines; audio frequency response 50-20,000 Hz  $\pm$  3 dB. Available with black or grey lacquer finish, or tawny-oak finish. 28 3/4 x 23 x 18 3/4 in. . . \$949

**GPR2653 26" Stereo Monitor/Receiver**  
 26" console stereo monitor/receiver with Colortrak 2000 digital remote control system. Features remote control with on-screen display of video, audio, and special feature functions; stereo audio/video inputs; RCA A/V system compatibility; MTS/SAP decoder; high-compliance full-range speakers; balance, bass, and treble controls; advanced bass and treble enhancement circuitry; 147-channel cable compatible tuning with auto programming; square-corner 110° COTY picture tube; Hi-Con picture tube screen; comb filter; sleep timer; on/off programming; channel block. Contemporary-style cabinet with pinstriped black high-gloss Formica top and ebony-bronze lacquer end panels; swivel base. 42 x 29 1/4 x 19 1/4 in. \$899  
**GPR2639.** As above with traditional-style cabinet; pecan-finish. 44 3/4 x 30 1/8 x 20 1/4 in. . . \$849  
**GPR2635.** As above with country-american-style cabinet; oak finish. 41 x 31 1/4 x 19 5/8 in. . . \$849  
**GPR2631.** As above with contemporary-style cabinet; oak finish. 39 1/2 x 30 x 19 1/2 in. . . \$849  
**GPR2630.** As above with contemporary-style cabinet; oak finish. 40 1/2 x 20 5/8 x 19 1/8 in. . \$849

**DVM2600 26" Stereo Monitor/Receiver**  
 26" Dimensia monitor/receiver with built-in MTS/SAP decoder. Features Dimensia Command Center remote control; record protection; automatic mode switching; 34 jack input/output panel; antenna switching; FM simulcast reception (with outboard tuner); on-screen system status

display; video noise reduction; CCD comb filter; cable-ready tuner; programmable channel memory; previous channel selection; DNR noise reduction; loudness compensation; 2 5" woofers; 2 2" tweeters. Horizontal resolution greater than 350 lines; luminance bandwidth 4.2 mHz (limit); audio frequency response 50-15,000 Hz; 23 3/8 x 26 3/8 x 20 in, 106 lb; ebony finish . . . \$799  
**DVM2601.** As above with oak finish . . . \$799

**FPR722R 26" Stereo Monitor/Receiver**  
 26" table-model stereo monitor/receiver with Digital Command TV/VCR remote control. Features on-screen time and channel number display; RCA A/V system compatibility; MTS/SAP decoder; 2 stereo audio/video inputs; 2 stereo audio outputs (one variable, one fixed level); high-compliance full-range speakers; balance, bass, and treble controls; 147-channel cable-compatible tuning with auto programming; square-corner 110° COTY picture tube; Hi-Con picture tube screen; automatic picture controls; sharpness control; unitized XtendedLife chassis. Compact contemporary style cabinet with oak finish. 26 7/8 x 23 1/4 x 19 in. . . \$699

**FPR570R 20" Stereo Monitor/Receiver**  
 20" table-model stereo monitor/receiver with Digital Command TV/VCR remote control. Features on-screen time and channel number display; RCA A/V system compatibility; MTS/SAP decoder; 2 stereo audio/video inputs; 2 stereo audio outputs (one variable, one fixed level); high-compliance full-range speakers; balance, bass, and treble controls; 147-channel cable-compatible tuning with auto programming; square-corner 110° COTY picture tube; Hi-Con picture tube screen; automatic picture controls; sharpness control; unitized XtendedLife chassis. Contemporary oak-finish cabinet. 24 5/8 x 18 x 16 in. . . \$579



**FPR570R.** As above with compact cabinet; black finish. 20 x 19 3/8 x 15 7/8 . . . \$579

## SAMSUNG

**TC2540S 25" Stereo Monitor/Receiver**  
 25" stereo TV with quick-start, in-line gun, black matrix picture tube. Features wireless remote control; MTS/SAP tuner; on-screen display of channel, time, volume, source, mode; dual speakers; 139-channel cable-compatible tuner; comb filter; sharpness control; A/V input jacks; 5 W/ch audio amplifier. 24 3/4 x 24 1/4 x 20 in. . . \$650

**TC2023S 20" Stereo Monitor/Receiver**  
 20" stereo TV with quick-start, in-line gun black-matrix picture tube. Features wireless remote control; on-screen display of time, channel; 139-channel cable-compatible tuning; comb filter; programmable station scan; direct-access remote tuning; MTS/SAP decoder; 26 5/8 x 16 7/8 x 18 1/2 in; 55.5 lb . . . \$550

**TC9823S 19" Stereo Monitor/Receiver**  
 19" stereo TV with quick-start, in-line gun, black matrix picture tube. Features wireless remote control; MTS/SAP tuner; on-screen multi-mode

display; 139-channel cable-compatible tuner; dual speakers; 3 W/ch audio amplifier. 19 1/4 x 19 7/8 x 18 1/2 in. . . \$450

## SANSUI

**SV-M26AV 26" Stereo Monitor/Receiver**  
 26" color monitor/receiver decodes multichannel TV stereo signal with no adapter required. Features 2 audio inputs; 2 audio outputs; built-in stereo amplifier (3 W/ch); tone and balance controls; 21-function infrared remote control. Receives VHF, UHF, and CATV channels. 26 3/16 x 23 3/16 x 21 9/16 inches; 86 lb . . . \$1,000

## SANYO

**AVM350 35" Stereo Monitor/Receiver**  
 Console monitor/receiver with 35" in-line gun, slotted shadow mask, black-matrix picture tube. Features built-in MTS/SAP decoder; 181-channel cable-compatible tuner; 3 audio/video inputs; audio/video output; TV audio/video output; external speaker jacks; amplifier delivers 7.5 watts per channel; 4 speaker system with 2 6 1/2" woofers, 2 2" tweeters; comb filter; on-screen display of channel and time; remote audio/video adjustment with on-screen graphics; turn-off timer; stereo synthesizer; manual degaussing control. Horizontal resolution 560 lines. Oak-finish cabinet. 38 1/2 x 46 x 24 1/4 in; 335 lb . . . \$3,000  
**AVM355.** As above except cabinet measures 39 1/4 x 43 1/16 x 23 3/8 in. 342.1 lb . . . \$3,000

**AVM278 26" Stereo Monitor/Receiver**  
 Table-model monitor/receiver with 26" in-line gun, black-matrix picture tube. Features remote control (also operates Sanyo VCR's); built-in MTS/SAP decoder; 181-channel cable-compatible tuner; AFT; 2 stereo audio/video inputs; stereo audio/video output; variable-level stereo audio output; amplifier delivers 3.5 watts per channel; 2 4" speakers; comb filter; on-screen display of channel and time; remote audio/video level adjustment with on-screen graphics; turn-off timer; stereo synthesizer; channel block. Horizontal resolution 500 lines (video input). 26 3/4 x 24 x 21 3/8 in; 88.3 lb . . . \$750

**AVM275W 26" Stereo Monitor/Receiver**  
 Table-model stereo monitor/receiver with in-line gun, black-matrix picture tube. Features remote control; built-in MTS/SAP decoder; 181-channel cable-compatible tuner; AFT; 2 stereo audio/video inputs; stereo audio/video output; variable-level stereo audio output; amplifier delivers 3.5 watts per channel; 2 2 1/2 x 6 1/4" speakers; external speaker jacks; comb filter; on-screen display of channel and time; turn-off timer. Horizontal resolution 500 lines (video input); audio frequency response 55-16,000 Hz  $\pm$  3 dB. Woodgrain-finish top and sides with smoked-glass face plate. 26 5/8 x 24 1/2 x 20 in; 98 lb . . . \$750

**AVM265W 25" Stereo Monitor/Receiver**  
 Table-model stereo monitor/receiver with in-line gun, black-matrix picture tube. Features remote control; built-in MTS/SAP decoder; 140-channel cable-compatible tuner; AFT; stereo audio/video input/output jacks; variable-level stereo audio output jacks; amplifier delivers 3.5 watts per channel; 2 2 1/2 x 6 1/4" speakers; comb filter; turn-off timer. Horizontal resolution 400 lines (video input). Woodgrain-finish top and sides with smoked-glass face plate. 25 3/16 x 23 3/8 x 20 1/8 in; 96.9 lb . . . \$750

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



# MONITOR/RECEIVERS

## 52C200 25" Stereo Television

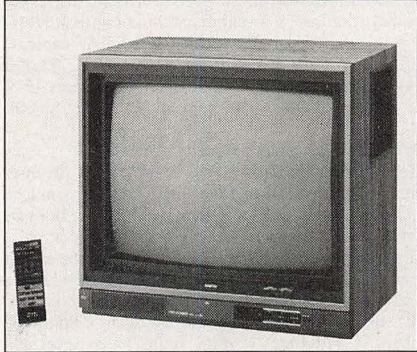
25-inch console television with 21-function remote. Set decodes multichannel signal with no change required. Features direct-access tuning; time remaining function; sleep timer; brightness/contrast control. Video section: horizontal resolution 260 lines; receives 12 VHF, 70 UHF, 58 CATV channels. Video bandwidth to 3.2 MHz; Audio amplifier section: 3.5 watts per channel; frequency response 100-15,000 Hz; THD 1.5%; 34 $\frac{1}{8}$  x 29 $\frac{3}{4}$  x 17 $\frac{1}{2}$  in; 135 lb ..... \$700

## AVM260 25" Stereo Television

25-inch color monitor/receiver with built-in stereo decoder. Includes bilingual capability; infra-red remote control; automatic brightness control; A/V inputs and outputs; LED channel display; stereo headphone jack; 2 2 $\frac{1}{2}$  x 6 $\frac{1}{2}$ " speakers. Video section: receives 12 VHF, 70 UHF, 30 CATV channels; Horizontal resolution 400 lines. Audio amplifier section: 3.5 watts per channel; audio FR 70-15,000 Hz  $\pm$  3 dB; THD 1%; 25 $\frac{3}{4}$  x 23 $\frac{1}{2}$  x 19 $\frac{1}{16}$  in; 96.7 lb ..... \$650

## AVM268 25" Stereo Monitor/Receiver

Table-model monitor/receiver with infrared remote control that also operates Sanyo VCR's.



Features built-in MTS/SAP decoder; 140-channel cable-compatible tuner; stereo audio/video input/output jacks; variable-level stereo audio output jacks; amplifier delivers 3 watts per channel; 4" speakers; comb filter; turn-off timer; AFT; auto brightness control; one-button color control. Horizontal resolution 400 lines. 25 $\frac{3}{16}$  x 23 $\frac{1}{2}$  x 19 $\frac{1}{4}$  in; 97.1 lb ..... \$650

## AVM220 20" Stereo Monitor/Receiver

20" table-model monitor/receiver with remote control that also operates Sanyo VCR's. Features built-in MTS/SAP decoder; 181-channel cable-compatible tuner; on-screen display of channel, time, and volume level; black-matrix picture tube; audio/video input jacks; sleep timer; external speaker jacks; AFT; one-button color control; bass, treble, and balance control; simulated wood-grain finish. 20 $\frac{7}{8}$  x 19 $\frac{1}{2}$  x 19 $\frac{3}{4}$  in; 49 lb . \$500

## 91C100 19" Stereo Monitor/Receiver

19" table-model monitor/receiver with remote control. Features built-in MTS/SAP decoder; 119-channel cable-compatible tuner; on-screen display of time and channel; sleep timer; balance and tone controls; black-matrix picture tube; stereo audio/video input jacks; variable-level stereo audio output jacks; external speaker jacks; AFT; simulated woodgrain finish. Includes telescoping VHS dipole antenna and UHF loop antenna. 20 x 19 $\frac{7}{8}$  x 20 in; 45 lb ..... \$450

## AVM150 14" Stereo Monitor/Receiver

Monitor/receiver with built-in stereo capability. Screen size 14 inches; horizontal resolution 320 lines, direct input 380 lines; receives 58 CATV channels; uses direct-access tuning system. Features 2 audio inputs; 2 audio outputs with one of them variable; 2 video inputs; 1 video output;

RGB input; bilingual capability; direct-access remote control; on-screen display; built-in timer. Audio power amp: FR 50-20,000 Hz  $\pm$  3 dB; S/N dB. Input sensitivity 200 mV. 15 $\frac{5}{32}$  x 14 $\frac{1}{16}$  x 14 $\frac{1}{8}$  in; 30 lb ..... \$450

## SCOTT

### HTS-300 20" Stereo Monitor/Receiver

20" monitor/receiver with square-corner tube and comb filter video circuitry. Features 10-function wireless remote; on-screen channel/time display; bass/treble controls, built-in front-firing 2-way speakers with piezo tweeters; 139-channel cable-ready tuner; 90-min sleep timer; auto color; stereo headphone jack; removable non-glare tempered-glass filter screen. Receives VHF, UHF, 139 CATV channels. Horizontal resolution 400 lines. Audio amp output 5 watts/channel. 26 $\frac{1}{4}$  x 18 $\frac{1}{2}$  x 19 $\frac{7}{8}$  in; 64 lb ..... \$549

### HTS-220 20" Stereo TV

Table TV with square corner high resolution picture tube. Features 140-channel cable-compatible tuner; built-in MTS/SAP decoder; TV/Video input selection; sleep timer; channel block; comb filter; two speakers; separate bass and treble controls; horizontal resolution 400 lines; removable tinted glass filter screen; on-screen display of channel and time; audio/video input/output jacks. 20 x 19 x 19 in ..... \$500

### HT-200 20" Monitor/Receiver

20" monitor/receiver with square-corner tube and comb-filter video circuitry. Features 11-function wireless remote control; quartz-synthesizer tuner; on-screen channel/time display; programmable timer (can turn set off/on during 24-hr period); auto-color; removable tempered-glass glare-filter. Horizontal resolution 400 lines. Receives VHF, UHF, 139 CATV channels. 1 audio output, 1 audio input; 1 video input/output. 19 $\frac{3}{4}$  x 17 $\frac{3}{8}$  x 19 $\frac{1}{4}$  in; 52 lb ..... \$430

### HT-145 14" Monitor/Receiver

Table TV with square corner picture tube. Features 139-channel cable-compatible tuner; 19-key wireless remote control; comb filter; on-screen display of channel and time; removable tinted glass filter screen; output jack for MTS/SAP stereo decoder; dual speakers (monaural); horizontal resolution 400 lines; sleep timer; audio/video input/output jacks ..... \$400

### SPC-508 5 $\frac{1}{2}$ " Monitor/Receiver

Portable monitor/receiver with built-in AM/FM radio. Features audio/video input/output jacks; 3" full range speaker; folding handle/stand combination; AC line cord; slide volume and tone controls; cigarette lighter adaptor; earphone jack; black cabinet. 9 $\frac{1}{16}$  x 5 $\frac{1}{2}$  x 12 $\frac{1}{2}$  in ..... \$300

## SEARS

### Stereo Color Monitor/Receivers

27" consoles feature MTS decoder for stereo TV broadcasts; remote control; quartz tuning; one-button color; light sensor; mute; high-contrast picture tube; comb filter; 181-channel tuner; on-screen display of time, channel, and other functions; printed wood-product cabinets with hardwood trim; 168 lb.

57 E 4889N. Features four speakers; two A/V inputs; one A/V output; external speaker jack; 31-key remote with bass and treble controls .. \$980  
57 E 4862N. Features swivel base; four speakers; 32-key remote; honey-oak finish. 34 x 31 x 21 ..... \$880

### 57 E 48126N Stereo Monitor/Receiver

MTS decoder for stereo TV broadcasts; remote control; 119-channel tuner; off timer; one-button color; sharpness control; mute; A/V in and out

jacks; comb filter; 20-key remote; 26" picture; high-contrast tube; Early American cabinet of printed wood product finished in pine. 43" x 31" x 22"; 68 lb ..... \$730

### 57 E 48203N 25" Stereo Console

Features MTS stereo decoder; 18-key remote; contemporary cabinet with simulated oak-grain vinyl finish. 38" x 31" x 21"; 156 lb ..... \$530

### 57 E 42862N 25" Monitor/Receiver

Table-top monitor/receiver with A/V jacks for VCR or computer hook-up; 119-channel cable-compatible tuner; remote control; high-contrast picture tube; comb filter; quartz tuning; off timer; sharpness control; one-button color; woodgrain cabinet. 26" x 24" x 22"; 104 lb ..... \$490

57 E 5439. MTS/SAP decoder for above; simulated woodgrain cabinet. 9" x 3" x 7" ..... \$99

### 57 E 42701C 20" Monitor/Receiver

Features MTS decoder; three A/V input jacks; four speakers; 30-key digital remote; comb filter; quartz tuning; stereo headphone jack; external speaker jack; RGB eight-pin computer jack; on-screen display of time, channel, and timer functions; 140-channel cable-compatible tuner; plastic cabinet. Horizontal resolution 450 lines. 20" x 21" x 21"; 60 lb ..... \$460

### Stereo Monitor/Receivers

Feature MTS decoders; black matrix picture tubes; quartz tuning; off timers; remote controls; 119-channel cable-compatible tuners; sharpness control; on-screen displays of time, channel, and timer functions; gray cabinets.

57 E 42561C. 20" screen; loudness contour; 23-key remote; A/V in and out jacks; external speaker jacks; comb filter. 56 lb ..... \$390  
57 E 42311. 19" screen; 19-key remote; audio-out jacks. 20" x 20" x 20"; 49 lb ..... \$340

### 57 E 5432 14" Monitor/Receiver

Features A/V jacks for VCR and computer hook-up; 181-channel cable-compatible quartz tuner; remote control; on-screen display of time and channel; high-contrast picture tube; simulated woodgrain cabinet. 20" x 14" x 16"; 32 lb. \$295

## SHARP

### 35LD956 35" Stereo Monitor/Receiver

35" direct-view monitor/receiver with built-in MTS decoder for stereo broadcasts. Features ambient stereo-sound output jack for surround-sound systems; 35" square-cornered tinted high-contrast Linytron Plus picture tube; 140-channel cable-ready PLL quartz-synthesized electronic tuning; 25-key random-access remote control; channel flashback; top-mounted controls; HQ circuitry; high-resolution comb filter; on-screen color-code-by-mode display; sleep timer; 3 sets of audio/video inputs and outputs; 2-way antenna inputs; external speaker jacks; AFT; Auto Color System; one-button picture-balance control; woodgrain cabinet with easy-roll casters; one-year in-home parts and labor limited warranty. Includes 75-/300-ohm antenna adaptor .... \$3,995  
35LD986. Similar to above except speakers positioned on either side of screen instead of beneath screen ..... \$4,295

### 30MD877 30" Stereo Monitor/Receiver

Floor-standing monitor/receiver with 30" flat square Linytron Plus data-grade picture tube; MTS/SAP decoder for stereo TV broadcasts; two 4" speakers; 140-channel cable-compatible PLL tuner; channel memory; CATV jack; A/V input and audio line output jacks; on-screen digital display for channel, volume, time; 25-function remote control; channel flashback; sleep timer; ACS; AFT; SAW filter; wood cabinet; comb filter. 31 $\frac{1}{16}$  x 35 $\frac{3}{8}$  x 24 $\frac{3}{8}$  in ..... \$2,495



# MONITOR/RECEIVERS

## 26MC287 26" Stereo Monitor/Receiver

26" monitor/receiver with built-in MTS decoder for stereo broadcasts. Features ambient stereo-sound output jack for surround-sound systems; 26" square tinted high-contrast Linytron Plus picture tube; 140-channel cable-ready PLL quartz-synthesized electronic tuning; 23-key random-access remote control; channel flashback; high-resolution comb filter; LED channel indicator; 2-way/2-speaker sound system; audio tone and balance controls; direct audio/video input jacks and audio line output jack; 2-way antenna inputs; CATV jack; AFT; one-button picture-balance control; simulated woodgrain console cabinet. Includes 75-/300-ohm antenna adaptor .... \$1,000

## 26LV76 26" Stereo Monitor/Receiver

26" monitor/receiver with built-in MTS decoder for stereo broadcasts. Features ambient stereo-sound output jack for surround sound systems; 26" square tinted high-contrast Linytron Plus picture tube; 140-channel cable-ready PLL quartz-synthesized electronic tuning; 23-key random-access remote control; channel flashback; high-resolution comb filter; LED channel indicator; 2-way/2-speaker sound system; audio tone and balance controls; direct audio/video input jacks and audio line output jack; external speaker jacks; 2-way antenna inputs; supplied sound reflectors; CATV jack; AFT; one-button picture-balance control; black cabinet. Includes 75-/300-ohm antenna adaptor ..... \$1,000

## 26LT86 26" Stereo Monitor/Receiver

26" monitor/receiver with built-in MTS decoder for stereo broadcasts. Features ambient stereo-sound output jack for surround-sound systems; 26" square tinted high-contrast Linytron Plus picture tube; 140-channel cable-ready PLL quartz-synthesized electronic tuning; 23-key random-access remote control; channel flashback; 2-way/2-speaker sound system; audio tone and balance controls; direct audio/video input jacks and audio line output jack; 2-way antenna inputs; CATV jack; AFT; ACS; one-button picture-balance control; surface acoustic wave (SAW) filter; SCR switching power regulator; rapid-on picture and sound; metallic-grey cabinet. Includes 75-/300-ohm antenna adaptor ..... \$1,000

## 26LC276 26" Monitor/Receiver

26" remote-controlled console monitor/receiver. Features 26" square-cornered, high-contrast, Linytron picture tube; MTS adaptor jack; audio/video input jacks; quartz-synthesized 110-channel cable-ready tuner; 19-key random-access infrared remote control; LED channel indicator; channel flashback; two-way antenna inputs; CATV jack; auto color system; AFT; one-button picture balance control; Surface Acoustic Wave filter to reduce ghosts and phase distortion; simulated woodgrain cabinet. Includes 75/300 ohm antenna adaptor ..... \$900

## 26MV77(BK) 26" Stereo Monitor/Receiver

26" remote-controlled table-model monitor/receiver. Features 26" square-cornered tinted Linytron Plus picture tube; MTS/SAP decoder; two two-way speakers; audio line output terminal; quartz-synthesized PLL 140-channel cable-compatible tuner; 23-function random-access infrared remote control; channel memory; channel flashback; LED channel display; sleep timer; CATV jack; Auto Color System; AFT; tone and balance controls; SAW filter. 29 1/8" wide x 23 1/8" high x 21 1/8" deep; 85.8 lb ..... \$760

## 20MP87 20" Stereo Monitor/Receiver

20" remote-controlled table-model monitor/receiver. Features square-cornered tinted Linytron Plus picture tube; MTS/SAP decoder; two two-way speakers; quartz PLL 110-channel cable-compatible tuner; 20-function random-access infrared

remote control; channel flashback; LED channel display; sleep timer; CATV jack; Auto Color System; AFT; tone and balance controls. 25 3/4" wide x 17 5/8" high x 18 5/8" deep; 51.7 lb ... \$700

## 20MV77(BK) 20" Stereo Monitor/Receiver

20" remote-controlled table-model monitor/receiver with square-cornered tinted Linytron Plus picture tube; MTS/SAP decoder; two two-way speakers; quartz PLL 110-channel cable-compatible tuner; 20-function random-access infrared remote control; channel flashback; LED channel display; sleep timer; CATV jack; Auto Color System; SAW filter; AFT; tone and balance controls. 26 1/8" wide x 18 5/8" high x 18 1/2" deep; 20.8 lb ..... \$680

## 9MS37 9" Portable Monitor/Receiver

Direct audio and video input jacks; 9" tinted Linytron Plus picture tube; 68-channel tuner; on-screen channel display; Automatic Color System; AFT; rapid-on picture and sound; mini head-phone jack; recessed handle; black, silver, or red; one-year carry-in parts and labor limited warranty. 10 1/8" wide by 11 1/2" high x 12 3/4" deep; 17.6 lb ..... \$370

## SHINTOM

### VP-5000 5" TV/Videocassette Player

Portable 5" monitor/receiver with built-in videocassette player, no recording capability. Player features freeze frame; auto rewind; tape counter. Monitor features pick up of standard VHF stations and 70 UHF channels; monopole antenna; 3 1/2" built-in speaker. Unit comes in durable carrying case. 20 1/2 x 5 1/8 x 16 1/4 in. .... \$750

## SONY

### KV-2785R 27" Stereo TV

Console TV with Trinitron Microblack picture tube. Features built-in MTS/SAP stereo-TV decoder; digital special effects include picture-in-picture (second tuner for insert picture), strobe (three sequential freeze frames at half-second intervals), movable insert picture swaps with main picture; cable-compatible Express tuner for 125 cable channels, 181 total channels; pecan veneer on classic wood cabinet with casters. 41 1/4" wide x 30 1/8" high x 20 3/4" deep; 172 lb, 3 oz. .... \$1,500

**KV-2786R.** Similar to above except contemporary cabinet finished in light ash raised on integral stand. 32 3/4" wide x 36 1/2" high x 21 7/8" deep; 177 lb, 6 oz ..... \$1,600

### KV-2783R 27" Stereo TV

Console TV with Trinitron Microblack picture tube. Features built-in MTS/SAP stereo-TV decoder; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; double-sided two-way speakers; auto timer; channel block; PanFocus Gun; comb filter; Dynamic Picture Processor; three sets of direct left and right audio and video inputs; one set left and right audio and video monitor outputs; on-screen display; sleep timer; Neoclassic design with pecan cabinetry. Horizontal resolution 450 lines. 41 1/4" wide x 30 1/8" high x 20 3/4" deep; 172 lb, 3 oz. .... \$1,300

**KV-2782R.** Similar to above except deluxe console design. 39 3/8" wide x 28 5/8" high x 20 3/8" deep; 175 lb, 1 oz ..... \$1,250

### KV-27HFR 27" Stereo TV

Stereo TV with pedestal stand and Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; auto timer; sleep timer; channel block; on-screen display; three sets of A/V monitor inputs for left and right channels; left and right A/V monitor outputs; one set of variable audio outputs; plastic cabinet in slate blue or gray finish; video rack and

swivel top optional. Horizontal resolution 450 lines. 34 1/2" wide x 23 5/8" high x 20 1/8" deep; 122 lb, 13 oz ..... \$1,200

**SU-27HFR.** Video rack with glass door for KV-27HFR. 29 1/2" wide x 15 1/8" high x 21 5/8" deep ..... \$159.95

### KV-2780R 27" Stereo TV

Stereo monitor/receiver with Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; double-sided speakers; stereo amplifier; auto timer; channel block; simulcast switch for external audio; one set of audio/video inputs for left and right channels; left and right audio/video outputs switchable for TV/monitor out; pay TV ready; ultra-modern design in sand or black finish; pedestal stand and video rack optional. Horizontal resolution 450 lines. 26 1/4" wide x 23" high x 19 3/4" deep; 111 lb, 5 oz ..... \$1,100

**SU-201.** Black steel pedestal stand for KV-2780R swivels 15° to right or left. 21 5/8" wide x 16 1/4" high x 18 1/2" deep; 30 lb, 13 oz ..... \$189.95

**SU-202.** Video cabinet for KV-2780R with smoked-glass doors; adjustable shelf; drawer; charcoal-gray wood. 26 3/8" wide x 19" high x 21 1/4" deep; 40 lb, 2 oz ..... \$159.95

### KV-2781R 27" Stereo TV

Stereo monitor/receiver with Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; double-sided two-way speakers; on-screen display; auto timer; channel block; PanFocus gun; comb filter; Dynamic Picture Processor; one set of audio/video inputs for left and right channels; video rack optional; dark Brazilian rosewood vinyl over wood cabinet. Horizontal resolution 450 lines. 33 x 24 1/8 x 21 3/4 in; 126 lb, 8 oz ..... \$1,050

**SU-178.** Matching TV stand converts above to ultra-compact console design. Features smoked-glass door. 33" wide x 14 1/2" high x 22 3/8" deep; 37 lb, 8 oz ..... \$159.95

### KV-27DS2 27" Stereo TV

Console stereo monitor/receiver with Trinitron Microblack picture tube. Features PanFocus Gun; comb filter; Dynamic Picture Processor; MTS/SAP stereo-TV decoder; frequency-synthesis Express tuning of 125 cable channels, 181 total channels; A/V monitor inputs for left and right channels; left and right audio outputs; auto timer; sleep timer; channel block; on-screen display; oak veneer on wood cabinet; matching A/V rack optional. Horizontal resolution 450 lines. 41 1/8" wide x 30" high x 22 1/8" deep; 147 lb, 15 oz ..... \$1,000

**SU-27DS2.** Video rack with glass door sits beside KV-27DS2. 20 1/8" wide x 30" high x 18 1/2" deep ..... \$159.95

**KV-27DS1.** Similar to KV-27DS2 except pedestal mount instead of console; plastic cabinet in slate, sand, or marble black. 39 1/2" wide x 28 1/8" high x 22 1/8" deep; 127 lb ..... \$1,100

**SU-27DS1.** Video rack with glass door sits beside KV-27DS1; charcoal finish. 21 1/8" wide x 28 1/8" high x 18 1/8" deep ..... \$159.95

### KV-2775R 27" Stereo TV

Stereo TV with Trinitron Microblack picture tube. Features PanFocus Gun; comb filter; Dynamic Picture Processor; MTS/SAP stereo-TV decoder; frequency-synthesis Express tuning of 125 cable channels, 181 total channels; A/V monitor inputs for left and right channels; left and right audio outputs; auto timer; sleep timer; channel block; on-screen display; dark Brazilian rosewood vinyl over wood cabinet; video rack optional. Horizontal resolution 450 lines. 26 5/8" wide x 24 7/8" high x 21 1/2" deep; 115 lb, 11 oz ... \$950

**SU-204.** Video cabinet for KV-2775R with



# MONITOR/RECEIVERS

smoked-glass doors; adjustable shelf; drawer; dark Brazilian rosewood finish. 26 $\frac{5}{8}$ " wide x 14" high x 22 $\frac{1}{2}$ " deep; 35 lb, 4 oz ..... \$159.95  
**KV-2726R.** Monitor/receiver similar to KV-2775R except has MPX output for outboard MLV-1100 stereo-TV decoder (see below) instead of built-in decoder and lacks other inputs and outputs. 115 lb, 12 oz ..... \$850  
**SU-208.** Video rack for KV-2776R with glass front doors. 26 $\frac{5}{8}$ " wide x 14" high x 22 $\frac{1}{2}$ " deep ..... \$159.95

## KV-20HFR 20" Stereo TV

Stereo TV with Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; left and right side-firing and rear surround speakers; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; three sets of A/V monitor inputs for left and right channels; left and right A/V monitor outputs; one set of variable audio outputs; plastic cabinet in slate blue finish. 27 $\frac{1}{16}$ " wide x 17 $\frac{1}{16}$ " high x 19 $\frac{1}{16}$ " deep; 63 lb, 15 oz ..... \$940

## KV-2084R 20" Stereo TV

Stereo TV with Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; two two-way speakers; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; PanFocus gun; comb filter; Dynamic Picture Processor; three sets of direct left and right A/V inputs; monitor output; sleep timer; charcoal gray finish with beige accent. Horizontal resolution 450 lines. 26 $\frac{1}{4}$ " wide x 18 $\frac{3}{8}$ " high x 18 $\frac{1}{2}$ " deep; 60 lb, 10 oz ..... \$750

## KV-2080R 20" Stereo TV

Stereo TV with Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; two speakers; stereo amplifier; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; one set of A/V monitor inputs for left and right channels; switchable left and right A/V monitor outputs; simulcast switch for external audio; pay TV ready; sand or black finish. 23 $\frac{5}{8}$ " wide x 18 $\frac{3}{8}$ " high x 18 $\frac{3}{4}$ " deep; 51 lb, 9 oz ..... \$700

## KV-1981R 19" Stereo TV

Stereo TV with Trinitron Mirrorblack picture tube. Features MTS/SAP stereo-TV decoder; one bass-reflex speaker on each side; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; PanFocus gun; comb filter; Dynamic Picture Processor; one set of direct A/V inputs for left and right channels; sleep timer; on-screen display; contemporary styling with simulated dark Brazilian rosewood finish. 25 $\frac{3}{4}$ " wide x 18 $\frac{1}{2}$ " high x 18 $\frac{3}{4}$ " deep; 53 lb, 9 oz ... \$650

## KV-2075R 20" Stereo TV

Stereo TV with Trinitron Microblack picture tube. Features MTS/SAP stereo-TV decoder; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; PanFocus gun; comb filter; Dynamic Picture Processor; one set of A/V monitor inputs for left and right channels; left and right audio outputs; auto timer; sleep timer; channel block; on-screen display; dark Brazilian rosewood vinyl over wood cabinet. Horizontal resolution 450 lines. 21" wide x 20 $\frac{1}{3}$ " high

x 19 $\frac{1}{2}$ " deep; 55 lb, 12 oz ..... \$600  
**KV-2075R.** Monitor/receiver similar to above except has MPX output for outboard MLV-1100 stereo-TV decoder (see below) instead of built-in decoder and has only mono video monitor inputs; plastic cabinet instead of wood. 23 $\frac{7}{8}$ " wide x 18 $\frac{3}{8}$ " high x 19 $\frac{1}{2}$ " deep; 52 lb, 4 oz ..... \$580

## KV-1380R 13" Stereo TV

Stereo TV with Trinitron Mirrorblack picture tube. Features MTS/SAP stereo-TV decoder; two side-mounted speakers; stereo amplifier; frequency-synthesis Express tuner for 125 cable channels, 181 total channels; one set of A/V inputs for left and right channels; left and right audio outputs; simulcast switch for external audio; auto timer; channel block; sand color. 17" wide x 14 $\frac{1}{4}$ " high x 16 $\frac{1}{2}$ " deep; 26 lb, 7 oz ..... \$480

## Accessories for Sony TV's

**MLV-1100.** MTS/SAP stereo-TV decoder for all Trinitron models with MPX output connectors; decodes all stereo or SAP broadcasts; amplifier with 5 watts per channel for direct connection to TV audio inputs or speakers ..... \$199.95  
**EAC-66.** VHF/UHF antenna mixer for use with Trinitron models having a unified VHF/UHF 75-ohm antenna input; takes 75-ohm VHF and 300-ohm UHF inputs ..... \$12.99

## SYLVANIA BY NAP

### RRH801AK 31" Stereo TV

Console TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178-channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; video input and output jacks; amplifier delivers 10 watts per channel; 4 speakers; comb filter; on-screen display of channel and time; turn-off timer; 36 $\frac{1}{4}$  x 38 $\frac{1}{2}$  x 21 $\frac{3}{4}$  in ..... \$399

### RPH598PE 27" Stereo TV

Console TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178 channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; video input and output jacks; RF inputs; two speakers; dbx noise reduction; comb filter; on-screen display of channel and time; turn-off timer; pecan cabinet. 53 $\frac{1}{4}$  x 29 $\frac{3}{4}$  x 18 $\frac{1}{2}$  in ..... \$1,499  
**RPH590AK.** Same as RPH598PE with oak cabinet ..... \$1,499

### RPH546PE 27" Stereo TV

Console TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178 channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; video input and output jacks; two speakers; comb filter; on-screen display of channel and time; turn-off timer; oak cabinet. 39 $\frac{1}{4}$  x 29 $\frac{3}{4}$  x 18 $\frac{1}{2}$  in .... \$999  
**RPH542AK.** As above with contemporary style cabinet. 39 $\frac{1}{4}$  x 29 $\frac{3}{4}$  x 18 $\frac{1}{2}$  in ..... \$999  
**RPH540AK.** As above with compact contemporary style cabinet. 30 x 31 $\frac{3}{4}$  x 17 $\frac{1}{4}$  in .... \$999

### RNH378PE 26" Stereo TV

Console TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178 channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; two speakers; comb filter; on-screen display of channel and time; turn-off timer; grained pecan finish. 46 x 29 $\frac{1}{4}$  x 18 $\frac{1}{2}$  in ..... \$879  
**RNH375PE.** As above with grained honey pine finish ..... \$879  
**RNH372AK.** As above with contemporary oak cabinet. 40 $\frac{1}{4}$  x 28 $\frac{1}{4}$  x 17 in ..... \$879

### RLH355PE 25" Stereo TV

Console TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 152-channel

cable-compatible tuner; 2 speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; random access tuning; red LED channel display. 39 $\frac{1}{4}$  x 29 $\frac{1}{4}$  x 18 $\frac{1}{2}$  in \$699  
**RLH353HP.** As above with traditional style, pine cabinet. 39 $\frac{3}{4}$  x 31 $\frac{1}{4}$  x 18 $\frac{1}{2}$  in ..... \$699  
**RLH351AK.** As above with contemporary style, grained oak cabinet. 34 $\frac{1}{2}$  x 28 $\frac{3}{4}$  x 17 $\frac{1}{4}$  in \$699

## RPH715AK 27" Stereo TV

Table TV with black matrix flat square picture tube; built-in MTS/SAP decoder with dbx noise reduction; 178-channel cable-compatible tuner; 6 speakers; amplifier delivers 10-watts per channel; comb filter; cinema sound stereo system; remote on-screen display of channel and time; left and right audio output jacks; left and right audio input jacks; video input and output jacks; channel guide display; channel block. 29 $\frac{1}{2}$  w x 23 $\frac{1}{4}$  h x 19 $\frac{1}{4}$  in ..... \$1,299

## RPH713CH 27" Stereo TV

Table TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178-channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; video input and output jacks; 4 speakers; comb filter; SAW filter; on-screen display of channel and time; turn-off timer; channel block. 27 $\frac{3}{4}$  x 21 $\frac{3}{4}$  x 19 $\frac{1}{4}$  in ..... \$899

## RNH613CH 26" Stereo TV

Table TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178 channel cable-compatible tuner; left and right audio output jacks; left and right audio input jacks; video input and output jacks; 4 speakers; comb filter; SAW filter; on-screen display channel/time; sleep timer; channel block. 24 $\frac{3}{4}$  x 23 x 20 $\frac{1}{4}$ " ..... \$849

## RNH611CH 26" Stereo TV

Table TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 152-channel cable-compatible tuner; random access tuning; electronic volume control; turn-off timer; two speakers; channel scan-tuning; alt channel select. 24 $\frac{3}{4}$  x 23 x 20 $\frac{1}{4}$  in ..... \$699

## RKH198WA 20" Stereo TV

Table TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 178-channel cable-compatible tuner; random access tuning; remote on-screen display of channel and time; personal preference control; 4 speaker sound system; left and right audio output jacks; left and right audio input jacks; video input and output jacks. 19 x 18 x 18 in ..... \$598

## RKH190WA 20" Stereo TV

Table TV with black matrix flat square picture tube; built-in MTS/SAP decoder; 152-channel cable-compatible tuner; random access tuning; random access tuning; turn-off timer; 4 speaker sound system. 24 $\frac{3}{4}$  x 18 $\frac{1}{4}$  x 19 in ..... \$499

## SYMPHONIC BY FUNAI

### HV 210S 20" Stereo TV

Console TV with flat screen; built-in MTS/SAP decoder; 139-channel cable-compatible tuner; 22-key full function remote control; built in audio/video inputs and outputs; two speakers; on-screen display of channel and time; turn-off timer; external speaker terminals; 3.5 mm headphone jack. 24 $\frac{3}{4}$  x 18 $\frac{3}{4}$  x 18 $\frac{1}{4}$  in; 54 $\frac{1}{2}$ lb ..... \$589  
**SV 209S.** As above, with compact cabinet. 19 $\frac{1}{16}$  x 18 $\frac{3}{32}$  x 18 $\frac{1}{16}$  in; 48 lb ..... \$579

## TATUNG

### 3010 CPX 30" Stereo Television

Features 28-key random-access remote control; on-screen display of channel, time, video and au-

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



## MONITOR/RECEIVERS



dio adjustment levels; flat-square picture tube; MTS stereo decoder; 141-channel cable-compatible. Horizontal resolution 500 lines. . . . . \$2,299

### 2710 CPX 27" Stereo Monitor/Receiver

Features 27" black full-square picture tube; 139-channel cable-compatible tuning; MTS decoder; 21-key random access remote control; on-screen display; bass, treble, and balance controls; 3 sets A/V input jacks; 1 set A/V outputs. Horizontal resolution 500 lines. . . . . \$999

### 2700 CPX 27" Component Stereo TV

Component TV with separate tuner and speakers. Features 2 sets A/V input/output jacks; black full-square picture tube; horizontal resolution over 500 lines; detachable speakers; 18-key wire-

less remote control; 141-channel cable-compatible tuning; MTS/SAP decoder. . . . . \$999

### 2010 CPX 20" Stereo Television

Features 28-key random-access remote control; on-screen display of channel, time, video and audio adjustment levels; flat-square picture tube; MTS stereo decoder; 141-channel cable-compatible. Horizontal resolution 500 lines. . . . . \$499

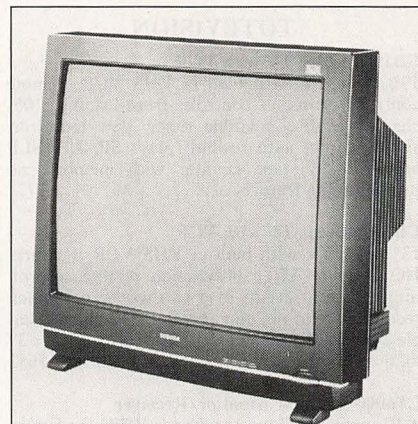
## TOSHIBA

### CZ3087 30" Stereo Monitor/Receiver

Features digital special effects including two-size picture-in-picture, freeze frame, frame advance, and picture swap; MTS/SAP stereo TV decoder; A/V monitor terminals; 48-key remote control for TV and Toshiba VCR's; FST Magnum picture tube; 141-channel cable-compatible tuner with programmable scan and channel return; multiple A/V inputs; variable audio output; external speaker terminals; on-screen display of channel, time, and video source; two RF inputs; CCD comb filter; vertical comb filter; 30-month warranty. Resolution 600 lines. . . . . \$2,800

### CZ2697 26" Digital Monitor/Receiver

Features digital memory for noninterlace scanning (showing full 525 lines sixty times each second); MTS/SAP stereo TV decoder; A/V monitor terminals; remote control; FST picture tube; 181-channel cable-compatible tuner; variable audio out jacks; external speaker jacks; on-screen display; programmable scan; two RF inputs; four



preset color/brightness settings; vertical comb filter; horizontal scan modulation; optional thirty-month warranty. Horizontal resolution 330 lines RF input, 560 lines video input. 25<sup>3</sup>/<sub>16</sub>" wide x 25<sup>5</sup>/<sub>32</sub>" high x 19<sup>1</sup>/<sub>2</sub>" deep; 90<sup>1</sup>/<sub>3</sub> lb. . . . . \$1,700

### CX3077 30" Stereo Monitor/Receiver

Features MTS/SAP stereo TV decoder; A/V monitor terminals; remote control for monitor/receiver and Toshiba VCR's; FST Magnum picture tube with six lenses; 141-channel cable-compatible tuner; two-way speakers; external speaker jacks; on-screen display; programmable scan; two RF inputs. Resolution 600 lines. . . . . \$2,500

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# MONITOR/RECEIVERS

## TOTEVISION

### CB1900 Color TV with VCR

19" color TV with built-in VHS VCR; remote control; soft-touch controls; front-loading; 105-channel cable-compatible tuner; dew indicator; visual search; auto rewind; plays SP, LP, SLP automatically; tape counter with memory; no programming features ..... \$771

### CB1300 Color TV with VCR

13" color TV with built-in VHS VCR. Features HQ circuits; AFT; 24-function remote control; programs four events over two weeks; one-touch recording; auto on, play, rewind; 110-channel cable-compatible tuner. 15 $\frac{3}{4}$ " x 16 $\frac{1}{2}$ " x 15 $\frac{1}{4}$ "; 37 lb, 8 oz ..... \$653

### CT6000 5" Color Monitor/Receiver

A/V input and output jacks for VCR's and computers; handle; AFT; tunes VHF and UHF; telescoping antenna; earphone jack; powered by AC, 10 D batteries, or DC car cord; plastic cabinet; sunscreen. 7 lb ..... \$271

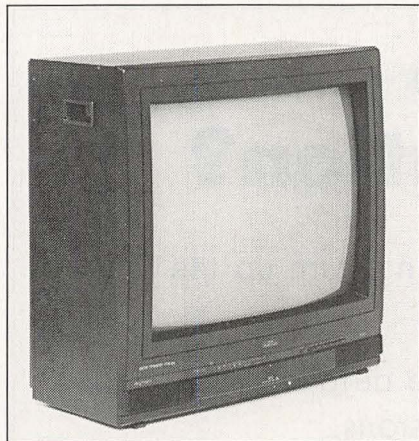
### DA1300 13" Color Monitor

Video and audio input; comb filter; molded-in handle; removable anti-glare filter; uses AC power; on/volume control; black finish ..... \$236

## VECTOR RESEARCH

### VTM-26 26" Monitor/Receiver with Remote

Table monitor/receiver with dbx noise reduction. 142-channel cable-compatible tuner; two sets of audio/video terminals; amplifier delivers 2.5



watts per channel; 2 speakers; on-screen display of channel and time; turn-off timer; quick channel view. Horizontal resolution 600 lines. 26 x 24 $\frac{1}{8}$  x 19 $\frac{1}{2}$  in; 90 lb ..... \$1,000

## YAMAHA

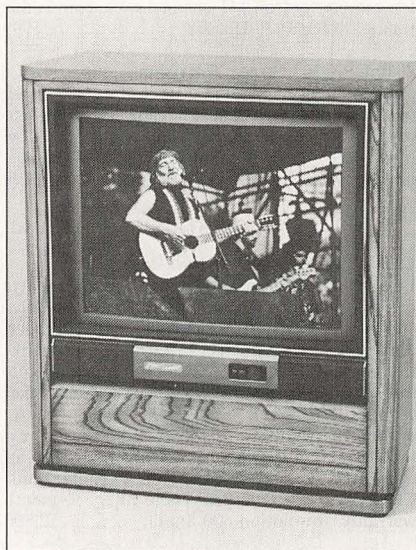
### YM-965 26" Stereo Monitor/Receiver

Table model 26" stereo TV with flat square picture tube. Features wireless remote control; MTS/SAP decoder; on-screen display channel/time; 142-channel cable-compatible tuner with direct access and programmable channel scan; 2 sets A/V input jacks; video monitor output jack; 3 sets audio output jacks; external speaker outputs; audio amplifier delivers 2.5 W/ch to internal speakers, 5 W/ch external speakers. 26 $\frac{1}{4}$  x 24 $\frac{5}{8}$  x 19 $\frac{1}{2}$  in; 88 lb ..... \$899

## ZENITH

### SD3535H 35" Stereo Monitor/Receiver

35" direct-view monitor/receiver with high-resolution picture tube and built-in World System Teletext. Features wireless remote for use with TV/VCR/teletext; built-in MTS decoder; Zenith



Zenith ZB2745H

Digital System 3 color circuitry; digital comb filter; digital color sentry; 178-channel cable-ready direct-access tuner with programmable channel scan; parental-control channel block; 2 video inputs with stereo audio; one bridged video/stereo audio output; 2 audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); digital connection center with RGB and S-VHS input capability, and text printer output; source selector; on-screen displays; bass, treble, balance controls; extended stereo enhancement; sleep timer. Contemporary style oak-finish cabinet with genuine wood veneers. 42 $\frac{5}{16}$  x 36 $\frac{5}{16}$  x 25 $\frac{3}{8}$  in ..... \$2,800

### SC2793 27" Stereo Monitor/Receiver

27-inch monitor/receiver with Bose audio system. Features built-in MTS/SAP decoder; three audio amplifiers; built-in world system teletext; Zenith Digital System 3 color circuitry; digital comb filter; digital color sentry; 178-channel cable-ready direct-access tuner with programmable channel scan; wireless remote for use with TV/VCR/teletext; 2 video inputs with stereo audio; one bridged video/stereo audio output; 2 audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); digital connection center; source selector; RGB input; on-screen displays; bass, treble, balance controls; extended stereo enhancement. Available with slate color or pecan veneer finish high-tech cube style cabinet. 26 $\frac{3}{4}$  x 24 $\frac{3}{4}$  x 20 in ..... \$1,400

SC2749Y. Same as SC2793 except has black-lacquer oriental-style console cabinet with swivel base, and doors with brass accents. 29 x 32 $\frac{3}{4}$  x 20 $\frac{3}{4}$  in; approx ..... \$1,700

SC2747P. Same as SC2793 except has pecan-veneer traditional-style console cabinet with doors. 31 $\frac{1}{4}$  x 32 $\frac{3}{4}$  x 21 $\frac{1}{2}$  in; approx ..... \$1,700

ZB2745H. Same as SC2793 except has honey-oak console cabinet with swivel base ..... \$1,495

### SD2753H 27" Stereo Monitor/Receiver

Console TV with 27" high-resolution picture tube and built-in World System Teletext. Features wireless remote for use with TV/VCR/teletext; built-in MTS/SAP decoder; Zenith Digital System 3 color circuitry; digital comb filter; digital color sentry; 178-channel cable-ready direct-access tuner with programmable channel scan; parental-control channel block; 2 video inputs with stereo audio; one bridged video/stereo audio output; 2 audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); digital connection center with RGB and S-

VHS input capability, and text printer output; source selector; on-screen displays; bass, treble, balance controls; extended stereo enhancement; sleep timer. Contemporary style oak-finish cabinet with genuine wood veneers and hardwood solids features custom storage area for Zenith vertical VCR. 41 $\frac{3}{4}$  x 31 $\frac{3}{4}$  x 20 $\frac{3}{4}$  in ..... \$1,295

### SD2721H 27" Stereo Monitor/Receiver

Console TV with 27" Chromacolor Contrast picture tube. Features wireless remote for use with TV and Zenith VCR's; built-in MTS/SAP decoder; modular chassis; digital true-lock picture hold; video filter; auto color clarifier; auto fringe-lock circuit; voltage regulator; 178-channel cable-ready direct-access tuner with programmable channel scan; PLL AFC with search feature; variable level audio output (switchable for amp or direct speaker connection); bass, treble, balance controls; extended stereo enhancement. Contemporary style oak-finish console with built-in storage shelves, tempered glass door, swivel base, and removable tinted-glass face-plate. 30 $\frac{3}{4}$  x 39 $\frac{1}{16}$  x 20 $\frac{5}{16}$  in ..... \$879

### SD2791Y 27" Stereo Monitor/Receiver

Table-model TV with 27" high-resolution picture tube and built-in World System Teletext. Features wireless remote for use with TV/VCR/teletext; built-in MTS/SAP decoder; Zenith Digital System 3 color circuitry; digital comb filter; digital color sentry; 178-channel cable-ready direct-access tuner with programmable channel scan; parental-control channel block; 2 video inputs with stereo audio; one bridged video/stereo audio output; 2 audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); digital connection center with RGB and S-VHS input capability, and text printer output; source selector; on-screen displays; bass, treble, balance controls; extended stereo enhancement; sleep timer. Contemporary style high-gloss black cabinet. 25 $\frac{3}{16}$  x 22 $\frac{1}{8}$  x 19 $\frac{3}{4}$  in ..... \$839

SD2791W. As above with walnut finish ... \$839

### SD2789Y 27" Stereo Television

Table-model TV with 27" Chromacolor Contrast picture tube. Features wireless remote for use with TV and Zenith VCR's; built-in MTS/SAP decoder; modular chassis; digital true-lock picture hold; video filter; auto color clarifier; auto fringe-lock circuit; voltage regulator; 178-channel cable-ready direct-access tuner with programmable channel scan; PLL AFC with search feature; stereo audio input for stereo VCR playback; variable level audio output (switchable for amp or direct speaker connection); bass, treble, balance controls; extended stereo enhancement. Contemporary style high-gloss black cabinet with removable tinted-glass face plate. 26 $\frac{7}{16}$  w x 23 $\frac{3}{8}$  h x 20 $\frac{3}{8}$  d ..... \$749

SD2791W. As above without removable glass face-plate; walnut finish ..... \$729

### SD2035H 20" Stereo Monitor/Receiver

Table-model TV with 20" high-resolution picture tube and built-in World System Teletext. Features wireless remote for use with TV/VCR/teletext; built-in MTS/SAP decoder; Zenith Digital System 3 color circuitry; digital comb filter; digital color sentry; 178-channel cable-ready direct-access tuner with programmable channel scan; parental-control channel block; 2 video inputs with stereo audio; one bridged video/stereo audio output; 2 audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); digital connection center with RGB and S-VHS input capability, and text printer output; source selector; on-screen displays; bass, treble, balance controls; extended stereo enhancement; sleep timer. Contemporary style oak-finish cabinet with removable tinted-glass face plate. 28 x 17 $\frac{3}{16}$  x 19 in ..... \$629



# PROJECTION TV'S



## FISHER

### PT800A 40" Stereo Rear-Projection TV

40" rear-projection stereo monitor/receiver with 3-tube/3-lens liquid-cooled system. Features 32-button wireless remote control; MTS/SAP tuner; 7.5 W/ch amplifier; 2-way speaker system with 2 6 1/2" woofers, 2 2" tweeters; 181-channel cable-compatible tuner; on-screen time, channel, and functions display; stereo matrix circuitry; alternate channel switching; 2 sets video/audio inputs; 1 set video/audio monitor outputs; tuner-section audio/video outputs; comb filter. Hickory wood-grain vinyl veneer cabinet. . . . . \$2,200

## GE

### 8-4500 45" Stereo Rear-Projection TV

Rear-projection color TV with built-in stereo amplifier. Stereo/bilingual broadcast adaptable. Programmable wireless remote control; video and audio jack pack; wide-angle high-gain screen; glass hybrid lens; cabinet in pecan vinyl finish on fiberboard. Trim in brushed satin black. . . . . \$2,000

## GOLDSTAR

### PJT-4588 45" Stereo Rear-Projection TV

Rear-projection TV with 139 cable-ready tuning. Features audio/video terminals; comb filter; built-in MTS/SAP stereo decoder; on-screen display of channel and time; 90-minute sleep timer; remote control; three lenses; 4 speakers. Floor space required 6.9 square ft; ceiling height required 4.6 ft; 264 lb. . . . . \$2,999

## HARMAN KARDON

### VPM-500 Stereo Front-Projection TV

Projects picture from 6 feet to 20 feet diagonally on a user-selectable flat or curved screen mounted from a floor or ceiling (front or rear) position. Features dual-stage hybrid lens assembly for better edge focus; linear phosphor and color demodulator for improved color registration; 7" tubes. Includes 37-function remote control; built-in stereo

amp and speakers; RGB input; stereo synthesizer; on-screen convergence from remote. Light output 350 lumens; resolution 400 lines, 600 lines RGB. Requires 4 square feet of floor space. 77 lb. . . . . \$5,250

## HEATHKIT

### GR-4500 45" Stereo Rear-Projection TV Kit

45" rear-projection television kit with stereo. Kit may be assembled in 20 hours. All circuit boards except one are factory built and tested. Features liquid-cooled CRT; cable-ready tuner; black-matrix screen. Remote control includes channel-lockout for parental control, flashback feature between two channels, and VCR functions. Audio frequency response 100-10,000 Hz into 8 ohms (less than 2% THD); 5-W/ch amp; 6 1/2" and 2 1/2" speakers. Requires 7.8 square ft floor space; 270 lb. . . . . \$1,495

## HITACHI

### CT-5062 50" Stereo Rear-Projection TV

50" rear-projection monitor/receiver with built-in MTS/SAP. Powered stereo sound system; random-access electronic tuning with unified VCR/TV infrared remote control; A/V input jacks; external speaker jacks; comb filter; on-screen display; vinyl-over-wood-products cabinet with swing-away folding doors. 44 1/4 x 47 1/4 x 29 1/2 in; 210 lb. . . . . \$3,500

**CT-5061.** Same as CT-5062 (above) except cabinet is designed smaller and no cabinet doors. 44 x 47 x 26 1/5/16; 196 lb. . . . . \$3,000

**CT-4561.** 45" version of CT-5061 (above). 40 x 44 3/8 x 25 3/16; 185 lb. . . . . \$2,800

**CT-4061.** 40" version of CT-5061 (above) \$2,800

### CT-5072 50" Stereo Rear-Projection TV

50" rear-projection monitor/receiver with built-in MTS/SAP. 450 line horizontal resolution; A/V input/output jacks; 30-button unified VCR/TV

infrared remote control; 125-channel cable compatibility; last-channel recall; dual RF; pecan on wood veneer and hardwood solids; full-length fold away doors. 44 1/2 x 48 1/4 x 27 in; 236.2 lb. . . . . \$3,200

**CT-5071.** Same as above in slimmer cabinet. 44 1/2 x 46 1/2 x 25 3/4; 209.7 lb. . . . . \$3,000

### CT-4275 42" Stereo Rear-Projection TV

500-line-resolution rear-projection television with built-in surround sound. Features built-in MTS/SAP; 39-button unified TV/VCR wireless remote control; digital picture-in-picture; on-screen display; 125-channel cable compatible; last channel recall; slim cabinet. 214 lb. . . . . \$3,000

### CT-4271 42" Stereo Rear-Projection TV

42" rear-projection television with 450-line horizontal resolution. Built-in MTS/SAP; 30-button unified TV/VCR wireless remote control; 125-channel cable compatible; last-channel recall; slim style. . . . . \$2,700

## INFINITY

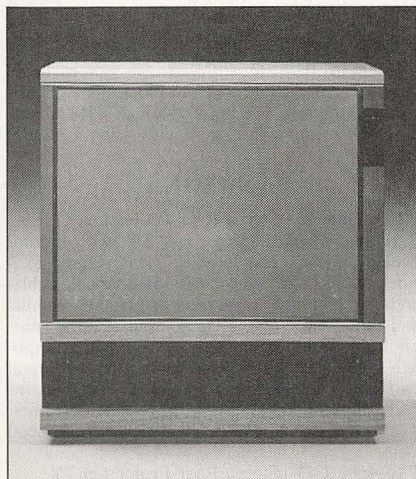
### RS-TV Stereo Front-Projection TV

5-to-15-foot projection television with built-in surround-sound decoder. Features 10 W/ch amplifier; 178-channel cable-ready tuner; built-in MTS decoder; 35-function wireless remote control; on-screen graphics; fine furniture finish; 2 RF inputs; 2 video inputs; RGB; TTL; horizontal resolution >400 lines; light output >250 lumens; floor or ceiling mount. Approx 110 lb. . . . . \$4,999

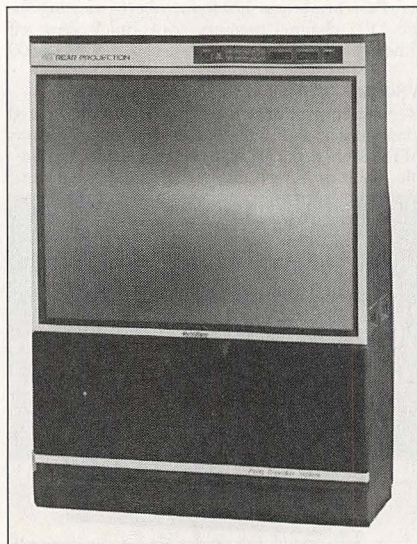
## KLOSS

### VideoBeam 3000 Front-Projection TV

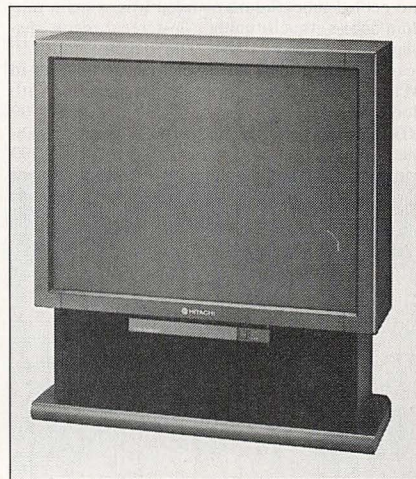
7-to-10-foot professional projection data monitor. Features three Novatron II projection tubes with spherical phosphor target and integrated Schmidt optical system and cathode ray tube; NTSC, RGB/Analog and RGB/TTL inputs; horizontal and vertical lockup; automatically varied horizontal and vertical scan frequencies for control boards; designed for mounting on floor or



General Electric 8-4500



GoldStar PJT-4588



Hitachi CT-4275



# PROJECTION TV'S

ceiling; aluminum carrying case. 29 $\frac{3}{4}$ "x 25 x 9 in; 70 lb .....\$8,600

## VideoBeam 1000 Front/Rear-Projection TV

High-resolution projection video monitor; S-VHS input; 1,200 line analog RGB input; 6.5, 7, 10, and 15 foot sizes; floor, ceiling, front or rear projection; wideband I-Q chroma demodulation; dual comb filter; stereo audio; optional remote. 19 x 25 x 30 in; 70 lb .....\$6,000

## Projection TV Accessories

**69-8618.** TTL personal computer input module .....\$400  
**69-0601.** 6.5 foot curved screen with legs and wall brackets .....\$395  
**69-8614.** Projection cart with 5" casters, two shelves, two outlet power strip .....\$360  
**69-8601.** Wired remote control transmitter unit with 30-foot cable .....\$240  
**69-8606.** Ceiling mount kit .....\$240  
**69-8613.** 20 foot BNC/BNC RGB cable ..\$130  
**69-8611.** 20 foot PC TTL input cable (for use with 69-8618) .....\$110  
**69-8402.** Curved screen wall mount kit for ceiling mount projector .....\$60  
**69-8617.** RGB analog input module .....\$40

## MAGNAVOX BY NAP

### RH8590 52" Stereo Rear-Projection TV

Remote-controlled projection TV with 160° wide-angle black matrix screen. Features 36-button menu-format universal remote; 10 W rms per channel; 178 total channel capability; liquid-cooled tubes/liquid-coupled lens system; random access touch-tuning; on-screen menu displays; channel guide display; remote bass, treble, and balance controls; rear panel audio/video connections; built-in MTS/SAP stereo decoder; doors on cabinet .....\$3,195

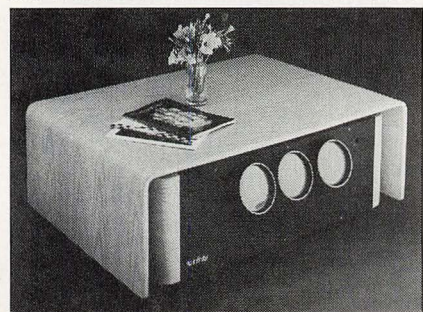
### RH8543AK 46" Stereo Rear-Projection TV

Projection TV with 300 footlamberts brightness. Features 160° wide-angle black matrix screen; 36-button menu format universal remote; 10 W rms per channel; 178 total channel capability; three 7" liquid-cooled tubes/liquid-coupled lens system; random-access touch-tuning; on-screen menu displays; remote bass, treble, and balance controls; rear panel audio/video connections; built-in MTS/SAP stereo decoder for stereo and second audio program broadcasts .....\$2,799

### RH8535AK 46" Stereo Rear-Projection TV

Projection TV with 300 footlamberts brightness. Features 160° wide-angle black matrix screen; 36-button menu format universal remote; stereo sound system; 178 total channel capability; liquid-cooled tubes/liquid-coupled lens system; random-access touch-tuning; on-screen menu display; remote bass, treble, and balance controls; rear panel audio/video connections; built-in MTS/SAP stereo decoder; cabinet with doors .....\$2,599

**RH8530.** Same as RH8535 without doors on cabinet .....\$2,399



Infinity RS-TV Reference Standard

### RH8524AK 41" Stereo Rear-Projection TV

Projection TV with 380 footlamberts brightness. Features 160° wide-angle black matrix screen; 36-button menu format universal remote; stereo sound system; 178 total channel capability; liquid-cooled tubes/liquid-coupled lens system; random-access touch-tuning; on-screen menu display; remote bass, treble, and balance controls; rear panel audio/video connections; built-in MTS/SAP stereo decoder; cabinet with doors .....\$2,399

**RH8520AK.** Same as RH8524 without doors on cabinet .....\$2,199

## MITSUBISHI

### VS-683R 60" Stereo Rear-Projection TV

Remote-controlled projection TV with 60" washable, black-matrix, anti-reflective screen. Features remote control with illuminated key functions; 120° viewing angle; intercoupled coupling; linear blue phosphor; Diamond Vision II; Magnetic-focus CRT's with high-current cathode electron gun; three 6-element multi-coated f/1.0 glass lenses; auto picture latitude circuitry; comb filter; wide-band 7-mHz video amplifier; video noise reduction; auto-select S-VHS input; 2 video inputs; video output; 181-channel cable-compatible random-access tuning; auto-programmable channel-memory scan; quick-view tuning; on-screen menu-, A/V function- and time/channel displays; channel-lock; program timer; MTS/SAP decoder; audio expansion; bass and treble controls; 2 sets of stereo audio outputs; variable/fixed stereo audio output; 4-speaker sealed-enclosure sound; external speaker terminals; brightness 160 footlamberts. Genuine oak-veneer cabinet with hinged, hide-away bi-fold doors .....\$3,432

**VS-583RS.** Same as VS-683R except has 50" screen with 230 footlamberts brightness ..\$2,964

**VS-475RS.** Same as VS-683R except has 45" screen with 260 footlamberts brightness and pecan veneer cabinet .....\$2,613

**VS-463RS.** Same as VS-683R except has 45" screen with 260 footlamberts brightness ..\$2,574

**VS-422RS.** Same as VS-683R except has 40" screen with pecan veneer cabinet .....\$2,379

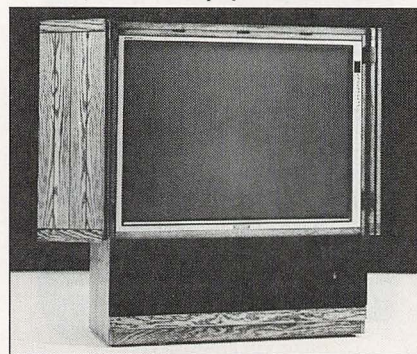
**VS-411RS.** Same as VS-683R except has 40" screen with 330 fl brightness .....\$2,340

### VS-363RS 36" Stereo Rear-Projection TV

Remote-controlled projection TV with 3 optically-coupled lenses. Features MTS/SAP decoder; 181-channel cable-compatible tuner; on-screen display of channel and time; 2 sets video in, variable stereo audio out; 2 speaker sound; comb filter. Peak brightness 170 footlamberts; viewing angle 110°; channel memory scan; quick view; off timer .....\$2,300

### VS-412R 40" Stereo Rear-Projection TV

Remote-controlled projection TV with coated glass lenses and intercoupled coupling. Features MTS/SAP decoder; 181-channel cable-compatible tuner; on-screen display of channel and time;



Magnavox RH8543

2 sets video in, video out, 2 sets stereo audio in, variable stereo audio out; 2 speaker sound; comb filter. Peak brightness 330 footlamberts; viewing angle 120°; S-VHS ready; sleep timer; quick view .....\$2,028

**VS-464R.** Same as VS-412R except has 45" screen with 260 footlamberts brightness ..\$2,184

## NEC

### PJ-4670 46" Stereo Rear-Projection TV

Remote controlled projection TV with black-stripe screen. Features MTS/SAP stereo decoder; full-coverage cable-compatible tuner; on-screen display of channel and time; 2 video inputs; 1 video output; 1 monitor output; 2 audio outputs; amplifier delivers 10 watts per channel; 2 speakers; comb filter. Peak brightness 300 footlamberts; viewing angle 120°; horizontal resolution 600 lines; sound widener for mono programs; dbx noise reduction; optically coupled liquid-cooled 7-inch CRT's; channel block. 42 $\frac{3}{4}$  x 53 $\frac{3}{4}$  x 32 $\frac{3}{4}$  in; 316.8 lb .....\$3,600

### PJ-4650 46" Stereo Rear-Projection TV

46-inch projection television. Features liquid-cooled CRT; 142-channel cable-ready tuner; sleep-timer; full-function remote control; on-screen channel/time display; built-in MTS stereo with SAP; simulates stereo from a mono signal; 10 watts-per-channel stereo amp with 2-way speaker system; 2 RF inputs, 1 RF output; 2 video/stereo inputs. Horizontal resolution 600 lines; comb filter; receives VHF, UHF, 61 CATV channels; 120° viewing angle; relative illumination 25%; 7-inch CRT with magnetic focus; brightness at center 280 footlamberts; cabinet with folding shutters. 45 x 54 $\frac{1}{2}$  x 31 $\frac{1}{2}$  in (with casters); 318.5 lb .....\$3,400

### PJ-4625 46" Stereo Rear-Projection TV

Similar to PJ-4650 without shuttered cabinet. Horizontal resolution 500 lines; 130° viewing angle; 6 $\frac{1}{2}$ -inch liquid-cooled CRT; 45 $\frac{5}{16}$  x 53 $\frac{5}{16}$  x 21 $\frac{5}{8}$  (with casters); 196.5 lb .....\$3,000

**PJ-4630.** As above with shuttered cabinet \$3,200

### PJ-4100 41" Stereo Rear-Projection TV

41-inch projection television. Features liquid-cooled CRT; 142-channel cable-ready tuner; sleep-timer; full-function remote; on-screen channel/time display; built-in stereo with SAP; simulates stereo from a mono signal; 10 watts-per-channel stereo amp with 2-way speaker system; 2 A/V inputs; 1 monitor out with audio; 1 loop out; 2 RF inputs; 1 RF output; set of audio outputs. Horizontal resolution 500 lines; comb filter; receives VHF, UHF, 61 CATV channels; 120° viewing angle; 6 $\frac{1}{2}$ -inch CRT; 40 $\frac{5}{8}$  x 47 $\frac{1}{16}$  x 25 $\frac{5}{8}$  (with casters); 174.4 lb .....\$2,800

### PJ-3715 37" Stereo Rear-Projection TV

Similar to PJ-4100 with 37-inch screen; 130° viewing angle; brightness 180 footlamberts; horizontal resolution 400 lines; 5 $\frac{1}{2}$ -inch CRT; 35 $\frac{3}{32}$  x 41 $\frac{1}{8}$  x 21 in (with casters); 125.4 lb ...\$2,400

## PANASONIC

### PTJ-4588R 45" Stereo Rear-Projection TV

Remote-controlled projection TV with liquid-cooled optically coupled CRT/lens system. Features MTS/SAP decoder; 155-channel cable-compatible tuner; on-screen display of channel and time; stereo audio/video input, TV out, program out and variable audio output jacks; amplifier delivers 10 watts per channel; two 6 $\frac{1}{4}$ " and two 2 $\frac{3}{8}$ " speakers. Peak brightness 300 footlamberts; horizontal resolution more than 450 lines; 41 $\frac{3}{8}$  x 49 $\frac{7}{8}$  x 28; 249 lb .....\$3,600

### PTJ-4583R 45" Stereo Rear-Projection TV

Remote-controlled projection TV with unified re-



# PROJECTION TV'S

mote control. Features MTS/SAP decoder; 155-channel cable-compatible tuner; on-screen display of channel and time; stereo audio/video input/output and variable audio output jacks; amplifier delivers 10 watts per channel; speakers include two 6 1/4" woofers and two 2 3/4" tweeters; comb filter. Peak brightness 250 footlamberts; horizontal resolution more than 400 lines; 42 1/2 x 51 1/16 x 27 in; 286 5/8 lb .....\$3,300

## PTH-4583R 45" Stereo Projection TV

45" projection TV with optically coupled lenses and liquid-cooled picture tubes. Features comb and saw filters; black matrix screen; built-in stereo amp; 2-way 4-speaker sound system; 3 sets of audio/video input jacks; program out jacks; TV out jacks; auto-out-to-amp jacks; cable-ready 155-channel tuning; dual VHF antenna; channel block; bass, treble, and balance controls; sleep timer; rapid tune; programmable scan; on-screen display; 22-function unified remote for TV and VCR. Audio output 10 W/ch from 60-15,000 Hz with no more than 1% THD; 250 footlamberts peak high-light brightness. Heartwood-pecan woodgrain cabinet with full-length doors. 51 3/8 x 42 1/2 x 27 in; 269 lb .....\$3,300

## PTH-3778R 37" Stereo Projection TV

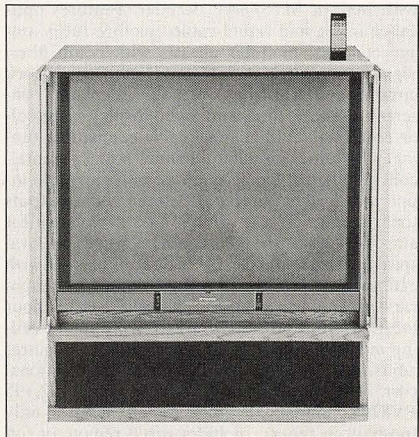
37" projection TV with built-in stereo. Features 1 set audio/video input jacks; 2 sets audio/video output jacks; variable audio output jacks; cable-ready 155-channel tuner; dual VHF antenna; channel block; sleep timer; unified remote control. Audio output 5 W/ch from 60-15,000 Hz with no more than 1% THD; 250 footlamberts brightness. 45 x 34 x 22 in; 173 lb .....\$2,500

## PTJ-4578R 45" Stereo Rear-Projection TV

Remote-controlled projection TV with home A/V system compatibility. Features MTS/SAP decoder; 155-channel cable-compatible tuner; on-screen display of channel and time; stereo audio/video input/output and variable audio output jacks; amplifier delivers 10 watts per channel; 2 speakers with 6 1/4" woofers and 2 1/8" tweeters; comb filter. Peak brightness 250 footlamberts; horizontal resolution more than 400 lines; 40 3/8 x 51 3/8 x 26 7/8 in; 248 lb .....\$2,900

## PTJ-4077R 40" Stereo Rear-Projection TV

Remote-controlled projection TV with black matrix screen for equalized optical intensity over the screen's entire surface. Features remote control; MTS/SAP decoder for stereo TV broadcasts; 155-channel cable-compatible tuner; on-screen display of channel and time; stereo audio/video input, TV out, program out and variable audio output jacks; amplifier delivers 10 watts per channel; 4 speakers; comb filter. Peak brightness 300 footlamberts; horizontal resolution 450 lines; 39 3/4 x 48 9/16 x 22 3/4 in; 203 1/2 lb .....\$2,900



Pioneer SD-P501

## PTJ-4064R 40" Stereo Rear-Projection TV

Remote-controlled projection TV with liquid-cooled, optically coupled CRT/lens system. Features remote control; MTS/SAP decoder; 155-channel cable-compatible tuner; stereo audio/video input/output and variable audio output jacks; amplifier delivers 5 watts per channel; two 4 3/4" speakers; comb filter; SAW filter. Peak brightness 300 fls; horizontal resolution >400 lines; 35 1/16 x 46 1/8 x 22 5/16 in; 178 9/16 lb .....\$2,700

## PTJ-3778R 37" Stereo Rear-Projection TV

Remote-controlled projection TV with home A/V system compatibility. Features MTS/SAP decoder for stereo TV broadcasts; 155-channel cable-compatible tuner; stereo audio/video input/output and variable audio output jacks; amplifier delivers 5 watts per channel; two 4 3/4" speakers; comb filter. Peak brightness 250 footlamberts; horizontal resolution more than 400 lines; 33 3/16 x 45 1/8 x 21 5/8 in; 173 lb .....\$2,300

## PHILCO BY NAP

### P8346BAK 46" Stereo Rear-Projection TV

Remote-controlled projection TV with remote bass, treble and balance controls, and black matrix screen. Features remote control; MTS/SAP decoder; 178-channel cable-compatible tuner; on-screen display of channel and time; left and right audio output jacks; left and right audio input jacks; video input and output jacks; two 6" x 4" speakers; comb filter. Peak brightness 300 footlamberts; viewing angle 160°; horizontal resolution 440 lines. 44 x 49 1/2 x 25 3/4 in .....\$2,230

**P8340BAK.** As above with 41" screen. 39 1/2 x 46 x 23 3/4 in .....\$2,040

## PHILIPS BY NAP

### 52H428SB 52" Stereo Rear-Projection TV

Remote-controlled projection TV with black matrix screen. Features three 7" liquid-cooled tubes; liquid-coupled lens system; fl.0 glass/aspheric lenses; RF switching; MTS/SAP decoder for stereo TV broadcasts; 178-channel cable-compatible tuner; on-screen display of channel and time; direct audio/video inputs and outputs; amplifier delivers 10 watts per channel; two 6" and two 2" speakers; cinema sound stereo system; channel block; comb filter; channel guide; turn-off timer. Peak brightness 300 footlamberts; viewing angle 160°; horizontal resolution 450 lines; cabinet with doors .....\$3,299

**46H426SR.** As above with 46" screen ...\$2,799

## PIONEER

### SD-P501 50" Stereo Rear-Projection TV

Rear-projection TV with SR remote-control compatible; 125 cable channels; PLL-synthesized tuner; two RF inputs; three video inputs; automatic adjustment of color, tint, and contrast for room brightness; liquid cooled; double lenticular screen; color noise reduction; dynamic focus circuit; comb filter; time-compression contour reflection; two memories for picture and sound settings; MTS/SAP stereo TV decoder; 10-W/ch amplifier; 6 1/4" speakers; variable audio outputs; modern wood cabinet in dark oak or walnut. Horizontal resolution 580 lines; vertical resolution 400 lines (interlace); brightness 250 footlamberts. 45 1/8 x 53 1/8 x 27 9/16" .....\$4,200

**SD-P401.** Similar to above except 40" screen .....\$3,500

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# PROJECTION TV'S

## QUASAR

### PR5585AK 45" Stereo Rear-Projection TV

Remote-controlled projection TV with built-in MTS/SAP decoder. Features TV/VCR unified remote control; auto color system with light sensor; 155-channel cable-ready tuner; L/R audio input/output; L/R variable audio output; video input/output jacks; comb filter; 330/400 line resolution (tuner/direct video source); 5 W/ch stereo amplifier; 2 RF inputs with remote switching; sleep timer; previous channel recall; channel censor; two 5" speakers; bass, treble and balance controls; contemporary oak finish cabinet with bi-fold doors. 49 3/4 x 42 1/4 x 27 in. .... \$3,050  
**PR5525AW.** As above minus cabinet .... \$2,850

### PR4980YP 40" Stereo Rear-Projection TV

Remote-controlled projection TV. Features MTS/SAP stereo decoder; two video/stereo audio inputs; one audio left+right, one video output; two 2 1/2" and two 6 1/2" speakers; 34-function remote control; remote RF and video switches; sleep timer; channel check. Video section: horizontal resolution 400 lines; cable-ready tuner. Audio amplifier section: 10 W/ch; frequency response 100-18,000 Hz. 37 x 44 3/8 x 22 3/8 in. .... \$2,450

### PR4970YK 40" Stereo Rear-Projection TV

Remote-controlled projection TV. Features MTS/SAP stereo decoder; two audio left+right, two video inputs; one audio left+right, one video output; two 2 1/2" and two 6 1/2" speakers; 34-function remote control; remote RF and video switches; sleep timer; channel check. Video section: horizontal resolution 400 lines; receives 12 VHF, 56 UHF, 87 CATV channels. Audio amplifier section: 10 W/ch; frequency response 100-18,000 Hz. 38 1/2 x 44 x 22 1/8 in; 219 lb. .... \$2,250

### PR4720AK 37" Stereo Rear-Projection TV

Remote-controlled projection TV with built-in MTS/SAP decoder. Features TV/VCR unified remote control; auto color system with light sensor; 155-channel cable-ready tuner; L/R audio input/output; L/R variable audio output; video input/output jacks; comb filter; 330/400 line resolution (tuner/direct video source); 5 W/ch stereo amplifier; 2 RF inputs with remote switching; sleep timer; previous channel recall; channel censor; two five-inch speakers; bass, treble and balance controls; simulated oak finish. 43 1/4 x 35 3/8 x 22 1/8 in; 400 lb. .... \$2,150

## RCA

### PPR500 50" Stereo Rear-Projection TV

Remote-controlled stereo projection monitor/receiver with liquid-cooled glass hybrid lens system. Features RCA unified remote control; MTS/SAP decoder; 149-channel cable-compatible tuner; on-screen display of channel and time; 2 stereo audio/video inputs; 2 stereo audio/video outputs (1 bridged with input 1); 1 variable stereo audio output; amplifier delivers 10 watts per channel; 2 5" woofers, 2 2" tweeters; comb filter. Peak brightness 240 footlamberts. Audio frequency response 50-15,000 Hz  $\pm$  3 dB. Contemporary cabinet with pecan veneer. 45 5/8 x 46 5/8 x 25 3/4 in. .... \$2,499

### PPR475 45" Stereo Rear-Projection TV

Remote-controlled stereo projection monitor/receiver with liquid-cooled glass hybrid lens system. Features RCA unified remote control; MTS/SAP decoder; 149-channel cable-compatible tuner; on-screen display of channel and time; 2 stereo audio/video inputs; 2 stereo audio/video outputs (1 bridged with input 1); 1 variable stereo audio output; amplifier delivers 5 watts per channel; 2 5" full-range speakers; comb filter. Peak brightness 300 footlamberts. Audio frequency response 50-15,000 Hz  $\pm$  3 dB. Contemporary cabinet with oak veneer. 41 1/8 x 44 3/4 x 21 7/8 in. .... \$2,199

### PPR400 40" Stereo Rear-Projection TV

Remote-controlled stereo projection monitor/receiver with liquid-cooled glass hybrid lens system. Features RCA unified remote control; MTS/SAP decoder; 149-channel cable-compatible tuner; on-screen display of channel and time; 1 stereo audio/video input; 1 variable stereo audio output; amplifier delivers 5 watts per channel; 2 5" full-range speakers; comb filter. Peak brightness 350 footlamberts. Audio frequency response 50-15,000 Hz  $\pm$  3 dB. Contemporary cabinet with pecan veneer. 37 1/8 x 41 1/2 x 20 1/8 in. .... \$1,999

### DVM4000 40" Stereo Rear-Projection TV

Dimensia rear-projection monitor/receiver with 40-inch screen and built-in MTS/SAP decoder. Features built-in microprocessor; Dimensia control center remote control; full-resolution color processing circuitry; video noise reduction; CCD comb filter; 350 line resolution; direct-access cable-ready tuner; 2 6" high-compliance woofers; 2 2" tweeters. 40 7/8 x 36 3/8 x 26 3/8 in; 195 lb; ebony finish. .... \$2,990  
**DVM4001.** As above with oak finish .... \$2,990

## SANYO

### PTV40 40" Stereo Rear-Projection TV

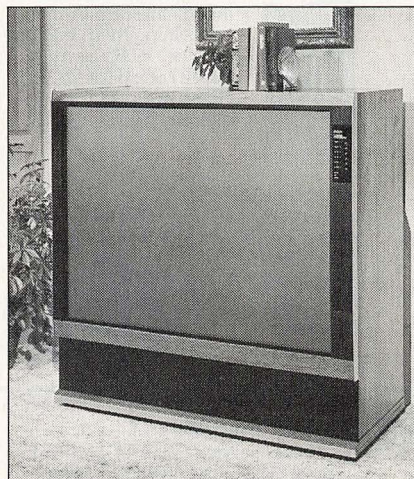
40-inch diagonal rear-projection television with built-in stereo circuitry. Features full complement of audio and video jacks; 30-key infrared remote control; on-screen multi-function display; automatic fine tuning; bilingual capability; on/off timer. Resolution 320 lines off air, 400 lines direct video input; tuning range: VHF 2-13, UHF 14-83, CATV 58 channels; speakers 6 1/2" round x 2, 2" round x 2; power consumption 230 watts; floor space required 38.6 x 23 square inches; ceiling height required 45.9 inches; 250 lb. .... \$2,000  
**PTV 41.** Same as above with accordian-style front panel doors. 267 lb. .... \$2,200

## SEARS

### 57 E 5446N 46" Stereo Rear-Projection TV

Features MTS stereo TV decoder with surround sound; 6" drivers; jacks for rear speakers; universal remote control; A/V in and out jacks; on-screen display of all functions; comb filter; simulated wood cabinet with oak finish and bi-fold doors. Power output 10 watts per channel; horizontal resolution 450 lines; horizontal viewing angle 120°, vertical 12°. 43" x 51" x 27"; shipping weight 220 lb. .... \$2,499

**57 E 54451N.** Similar to above except 41" screen; decodes SAP broadcasts; 178-channel cable-compatible quartz tuner; 4" midrange drivers in addition to 6" woofers. 40 x 46 x 24; shipping weight 199 lb. .... \$1,979



RCA PPR500

## SHARP

### 40KD855 40" Stereo Rear-Projection TV

40" rear-projection television with MTS decoder and 20-key random-access remote control with channel flashback and RF switching. Features 140-channel cable capability; in-line three-tube three-lens projection system; comb filter; MTS/mono switching; sharpness control; two sets of video inputs; two-way RF inputs/outputs; two-way, two-speaker sound system; left and right audio inputs/outputs; compact woodgrain cabinet with full-foldback doors. Horizontal resolution 330 lines (400 lines with direct video). 41" wide x 45 high x 25" deep; 209 lb. .... \$2,595  
**40LD876.** Same as above but without foldback cabinet doors. .... \$2,795

## SYLVANIA BY NAP

### RSH435WD 46" Stereo Rear-Projection TV

Remote-controlled projection TV with teak veneer cabinet and surround sound. Features 36-button remote control; MTS/SAP decoder; dbx noise reduction; turn-off timer; personal preference sound and picture setting memory control; 178-channel cable-compatible tuner; on-screen display of channel and time; video input/output; audio input/output; external speaker jacks; amplifier delivers 10 watts per channel; two 6" and two 2" speakers; comb filter. Peak brightness 300 footlamberts; viewing angle 160°; horizontal resolution 450 lines. .... \$2,799

### RSH432AK 46" Stereo Rear-Projection TV

Remote-controlled projection TV with oak veneer cabinet and surround sound. Features remote control; MTS/SAP decoder; dbx noise reduction; 178-channel cable-compatible tuner; on-screen display of channel and time; video input/output; audio input/output; external speaker jacks; amplifier delivers 10 watts per channel; two 6" and two 2" speakers; comb filter. Peak brightness 300 footlamberts; viewing angle 160°; horizontal resolution 450 lines. .... \$2,499

### RSH423 41" Stereo Rear-Projection TV

Remote-controlled projection TV with oak cabinet and dbx noise reduction. Features remote control; MTS/SAP decoder; 178-channel cable-compatible tuner; on-screen display of channel and time; video input/output; audio input/output jacks; amplifier delivers 2 watts per channel; two 4" x 6" speakers; comb filter. Peak brightness 380 footlamberts; viewing angle 160°; horizontal resolution 450 lines. .... \$2,299

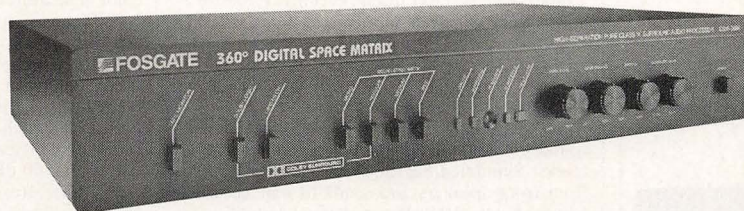
## ZENITH

### PV855P 8-Foot Front/Rear-Projection TV

Remote-controlled 8' projection monitor/receiver with built-in MTS/SAP decoder. Features optical-coupling and liquid-cooled picture tubes; image controls; modular chassis with comb filter, digital True-Lock picture hold, auto fringe-lock circuit, and electronic voltage regulator; on-screen channel, time, and audio display; auto color correction; 178-channel cable-compatible tuning with programmable channel scan; parental-control channel block; one video/stereo audio input with bridged outputs; 2 stereo audio outputs (one fixed level/one variable and switchable for amp or direct speaker connection); 2 5" oval speakers; bass, treble, and balance controls with extended stereo enhancement switch. Contemporary pecan-finish cabinet. TV comes set for floor location, front projection. Rear-projection or ceiling-mounting for front or rear projection requires adjustment by a Zenith technician at additional cost. 31 x 10 1/4 x 25 in. .... \$2,195  
**PV820X.** Similar to above except monitor only (no built-in tuner). Includes wired remote on/off control, 1 audio, 1 video input. .... \$1,995



# AUDIO/VIDEO PROCESSORS



## AKAI

### SS-V20 Audio/Video Selector

Features built-in 4.5" color monitor; contrast control; two outputs; six inputs; RF video/audio conversion; direct connections between VCR and TV receiver or monitor; switcher selection between six sources; monitor selector for left and right channels or LR; headphone jack; record source selector. Can operate during recording and playback. Audio frequency response 20-30,000 Hz  $\pm$  1 dB; video frequency response 50 Hz-6 MHz  $\pm$  1 dB. 17 $\frac{1}{2}$ " wide x 3 $\frac{3}{16}$ " high x 12 $\frac{3}{4}$ " deep; 16 lb ..... \$699

### PS-V20 Audio/Video Processor

Features joystick control; fade control; contrast control; two outputs; one input; DNR noise reduction; connection between two VCR's; eliminates stretches of picture snow on videotape; reduces noise; eliminates copyguard; colorizer; synthesized stereo mike mixing; color correction; provides video gain and can operate during recording and playback. Audio frequency response 20-20,000 Hz  $\pm$  3 dB; luminance S/N 45 dB. 17 $\frac{1}{2}$ " wide x 2 $\frac{3}{4}$ " high x 10 $\frac{2}{5}$ " deep .... \$429

### SS-V5 Audio/Video Selector

Audio/video selector with unique signal flow display. Features 1 output; 5 inputs; RF video/audio conversion; direct connection between VCR and TV receiver or monitor; switcher selection between 5 sources; monitor selector for left and right channels or LR. Can operate during recording and playback. Audio frequency response 20-30,000 Hz  $\pm$  1 dB; video frequency response 50 Hz-6 MHz  $\pm$  1 dB. 17 $\frac{1}{2}$ " wide x 2 $\frac{1}{2}$ " high x 10 $\frac{1}{5}$ " deep; 7 $\frac{1}{3}$  lb ..... \$289

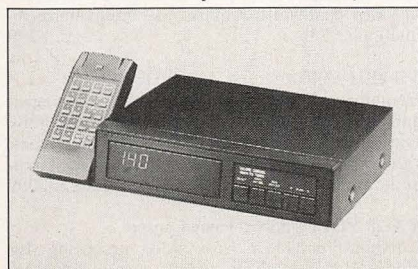
### D1-V5 Audio/Video Distributor

Features 5 outputs; 1 input; direct connection between VCR and TV receiver or monitor; monitor selector for left, right, or both channels. Can operate during recording or playback. Audio frequency response 10-50,000 Hz  $\pm$  3 dB; luminance S/N 70 dB; video frequency response 50 Hz-10 MHz  $\pm$  3 dB. 17 $\frac{1}{3}$ " wide x 2 $\frac{3}{4}$ " high x 10 $\frac{1}{5}$ " deep; 6 $\frac{2}{3}$  lb ..... \$189

## AMBICO

### V-0686 Remote TV Tuner

Features 140 remote-controlled channels with 6-channel memory, channel-scan and fine tuning. Unit is cable-ready with VHF-cable/UHF input selection and channel 3/4 output selection for both RF and MPX outputs. All necessary cables



included. Tuner enables camcorders to record telecasts without TV. 10 x 2 $\frac{1}{2}$  x 6 $\frac{3}{4}$  in ... \$170

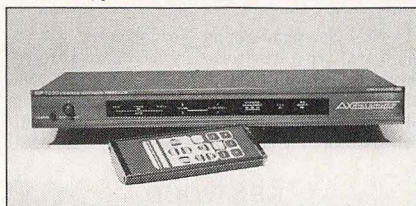
### V-0687 Stereo Decoder

MTS stereo decoder for receiving stereo TV and cable telecasts. Features automatic stereo lock-in, 2 second audio program modes; LED stereo and SAP indicators; RF and MPX inputs. 10 x 1 $\frac{1}{2}$  x 6 $\frac{3}{4}$  in ..... \$100

## APHEX SYSTEMS

### ESP-7000 Surround-Sound Decoder

Decodes any stereo input into as many as 7 outputs. Surround-sound modes include music, cinema, and bypass. Full-featured remote control for



volume, mute, balance, power on/off; audio frequency response 12-50,000 Hz  $\pm$  1 dB; subwoofer output frequency response 12-150 Hz -3 dB. 1 $\frac{3}{4}$  x 9 x 17 in; 11 lb ..... \$995

## ARCHER BY RADIO SHACK

### 15-1272 Audio/Video Processor

Enables on-screen comparison of processed and original signals. Features fade control; 2 outputs; 2 inputs; RF video/audio conversion; direct connection between VCR and TV receiver or monitor; connects between 2 VCR's; reduces noise; switcher selects between 2 sources; eliminates copyguard; can operate during recording and playback. 9 $\frac{1}{16}$  x 2 $\frac{1}{4}$  x 6 $\frac{3}{8}$  in ..... \$100

### 15-1279 Dolby Surround Decoder/Amplifier

Decodes Dolby stereo on videotapes and discs; synthesizes surround sound and stereo from monophonic sources. Features inputs for tuner, audio tape, video/TV, and has a built-in 10 watt amplifier. 2 $\frac{1}{16}$  x 9 $\frac{1}{16}$  x 9 $\frac{1}{16}$  in ..... \$130

### 15-1263 Audio/Video Control Center

Features switchable processor loop; 4 outputs; 4 inputs; direct connection between VCR and TV receiver/monitor; connection between 2 VCR's; switcher selection between 4 sources; operation during recording or playback. 9 $\frac{7}{8}$  x 2 $\frac{1}{4}$  x 6 $\frac{1}{8}$  in ..... \$70

## AUDIO CONTROL

### Video Soundtracker II

Features five-band equalizer; high-quality comb filter; stereo synthesizer; and noise reduction for TV, VCR, or satellite system. Connects audio output of video systems to home hi-fi. Cuts out hiss, adds stereo dimension. May be used to add stereo dimension to rear channels. THD below 0.05%; noise reduction 14 dB; noise -80 dB; maximum input/output level 6 V rms; input imp 47 kilohms; output imp 150 ohms. 6 lb ... \$159

## AUDIO DESIGN ASSOCIATES

### VA-2 Video Splitter

Active video buffer for looping video signals. Enables routing of the video output of a tuner to two monitors or record decks without any deterioration of signal quality. One RCA type input jack. Two output jacks. Requires 120 V AC. 2 x 3 x 4 in ..... \$395

### ISO-2 Line-Level Isolation Amplifier

Removes hum and ground loop interference often caused when interfacing audio and video equipment. Stereo RCA input and output jacks. Requires 120 V AC. 2 x 3 x 4 in ..... \$395

## AUDIONICS

### SD-3 Dolby Surround Processor

Surround audio processor with Dolby Pro-Logic circuitry. Features dual 40-W surround amplifiers; user-selectable high-separation center front channel; built-in pink-noise generator with Auto-Sequencing for channel-level calibration; subwoofer output with patented Bass EQ circuitry; ambience and monophonic modes for use with regular program sources; variable low-noise time delay 15-30 msec. 17 x 2 $\frac{3}{4}$  x 12 in ..... \$850

## AUDIOSOURCE

### AV-Three A/V Switcher/Processor

Features fader; enhancer; color and hue control; selection between five A/V inputs and outputs; built-in RF modulator; low-noise A/V distribution amplifiers. Audio section features DNR; stereo synthesizer; audio insert. Video frequency response 50-3.5 MHz  $\pm$  3 dB. 16.5 x 2.25 x 10 in; 9 lb ..... \$200

### AV-Four A/V Switcher/Processor

Video section selects between five inputs and three outputs; built-in RF modulator; low-noise A/V distribution amplifiers. Audio section features 15-watt/channel amplifier; seven-band graphic equalizer; fader; surround synthesizer; stereo synthesizer; DNR. Video frequency response 50-3.5 MHz  $\pm$  3 dB; luminance S/N >80 dB. 16.5 x 2.25 x 10 in; 9 lb ..... \$200

### SS-One Surround-Sound Processor

Dolby Surround-Sound processor with stereo synthesizer and hall effects. Features variable digital time delay; 15-watt/channel amplifier; calibration knobs for maximum front and rear separation; low/high frequency boost; separate processor output jacks. 16.5 x 2.25 x 11.5 in; 18 lb ..... \$300

## CARTER-CRAFT

### 60-608 Video Image Enhancer

Improves performance of video cameras, and VCR's. Especially useful when duplicating second- or third-generation tapes. Features video gain; low noise audio/video distribution; RF video/audio conversion; eliminates stretches of picture snow on videotape; reduces noise; video image enhancer can operate when system is either recording or playing back ..... \$98



# AUDIO/VIDEO PROCESSORS

## DENON

### AVC-500II Audio/Video Processor

Audio/video control center with Denon surround processor and Dolby. Features master volume control (permits adjustment of front/rear level

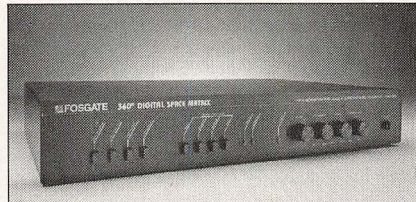


during surround-sound playback); input for external audio sources (simulcast capable); 30 W + 30 W amp; five-band graphic equalizer; automatic copy function; headphone jack. Audio frequency response 10-50,000 Hz  $\pm$  3 dB; THD 0.3%; video frequency response 5-6,000 Hz  $\pm$  1.5 dB; 17 x 3 1/2 x 11 in ..... \$375

## FOSGATE

### DSM-3603 Surround Audio Processor

High-separation, 360 Digital Space Matrix processor with Scheiber/Fosgate logic circuitry. Features line outputs for all channels; 40 W/ch internal amplifier; subwoofer output (80 Hz) plus Bass EQ circuitry; high-separation center channel output. May be used with three, four, five, or six



speaker arrays. LED indicators verify surround and dialog encoding. Class A analog circuitry. Low-loss film capacitors used in audio signal path. Black and gold finish. THD: less than 0.10% at 2 V output; FR: 5-30,000 Hz (main channels), 5-80 Hz (subwoofer), 20-10,000 Hz (surround ch regular mode), 5-30,000 Hz (surround ch medium/wide modes). 17 1/4 x 2 3/4 x 12 in ..... \$500

**DSM-3604.** Features/specs as DSM-3603 but provides low-noise variable time delay and modified Dolby B NR on Dolby Surround mode. Provides high separation enhancement of any stereo audio source. Includes infrared remote control ..... \$800

**DSM-3602ag.** Provides all of the features of DSM-3603/3604 plus 4 A/V inputs, outputs for left and right side channels enabling user to configure 8 channel system. Gold-plated input/output jacks. Polystyrene/polypropylene capacitors used in audio signal path ..... \$1,200

**DSM-3602g.** Identical to DSM-3602ag less internal amplifier ..... \$1,100

**DSM-3602.** Identical to DSM-3602ag less internal amplifier and gold in/out jacks ..... \$1,000

### M-60 Mono Audio Power Amplifier

Compact amplifier designed especially for center channel application in a surround audio system. Features 60-W avg continuous power into 4 ohms from 50-20,000 Hz, 45-W avg continuous power into 8 ohms from 40-20,000 Hz with less than 0.15 THD; input imp 20 kilohms; input level 1 V for rated output. Includes gain adjust; LED clipping indicator; AC power switch. 6 1/2 x 3 1/2 x 6 1/2 in; 5 lb ..... \$160

## HEATHKIT

### SK-107 Stereo Synthesizer Kit

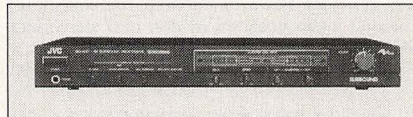
Stereo synthesizer kit features two operating modes: pseudo-stereo and mono; 2 audio outputs,

1 input. Can be built in one evening. Requires 9-volt battery or power supply ..... \$17

## JVC

### SU-A30 AV Surround Processor

Decodes Dolby-Surround soundtracks; Hall Surround creates four channels from stereo soundtracks; Simulated Surround delays mono output from front speakers and sends to rear speakers; bypass mode; 10-watt-per-channel amplifier for rear channels; preamp out for external power amp; headphone output for hearing full surround sound on HA-SU7 headphones; adjustable reverb duration for rear speakers from 15 to 30 milliseconds; level control for effect signal added to original signal; volume control for rear channels; independent left and right calibration controls with



peak-level meters. Frequency response 20-50,000 Hz  $\pm$  3 dB in bypass, Simulated, or Hall Surround mode, 30-70,000  $\pm$  3 dB in Dolby Surround; S/N ratios: Dolby Surround 63 dB, Simulated/Hall Surround 85 dB. 8 lb ..... \$235

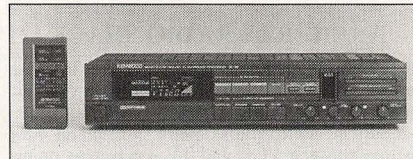
### HA-SU7 Surround-Sound Headphones

With two separate drivers in each earcup to reproduce surround sound in four channels; one plug for connection to front-channel sources, one plug for rear surround sources; miniplugs with 1/2" adaptors for headphone jacks ..... \$90

## KENWOOD

### SS-96 Audio/Video Surround-Sound Processor

Features three modes of surround-sound: Dolby, Theater, and Stadium. Uses internal 5 W/ch amplifier; for added power the unit's pre-out termi-



nals provide for easy connection to an external amplifier. Also features audio injection function for customizing audio tracks ..... \$350

## KRAMER

### VS-38E Switcher/Generator

Professional production switcher and special effects generator (SEG). Features 3 composite inputs on three busses; RGB camera input for superimposing one picture into another via a Blue Key effect; a Downstream Keying input for a character generator or genlock camera; a key input for use with a B/W camera; separate control for fade-to-black. Other features include a built-in blackburst sync generator; (A-B)/C video bus structure; 8 wipe patterns; blue keying effect; colorizer for adding color to light or dark areas during use of downstream keying input; downstream keyer for keying in character generator or a DSK camera; separate preview bus to display inputs,



color generator, downstream key, black output of B/W camera, special effects, and program out; separate ten-pin camera socket tied to input one for supplying power to a camera and genlock to other inputs to that camera through the two black-burst outputs. Looping inputs with high-z/terminate switches allow inclusion of other video processing devices in system. Signal-to-noise ratio better than 60 dB; crosstalk better than 56 dB at 3.58 MHz; frequency response better than 10 MHz. Rack mountable on 19 in ..... \$2,395

### KCP-180 Color Encoder

RGB/NTSC color encoder converts computer or camera generated color RGB signal, either TTL or analog, to full RS170 NTSC composite video. Accepts and reconstructs poor computer sync so that video can be recorded on VCR or displayed on standard monitor/receiver. Features a color bar generator; separate RGB level controls. Input has looping nine-pin TTL connectors and looping BNC analog connectors; accepts sync or syncon green; accepts both positive and negative sync; converts either interlace or noninterlace video. Video nonlinearity 3%; hue control  $\pm$  120° blue-green; luminance signal-to-noise ratio 60 dB. Dimensions: 19 x 1 3/4 x 7 1/4 in ..... \$1,995

### VS11EII Video Hi-Fi Processor

High-resolution video enhancer with split screen and color processor. Features video gain; fade control; contrast control; split screen control; definition control; three-input video switcher; three-output video and stereo audio distribution amplifier; 10-pin camera input. Color control  $\pm$  10 dB at subcarrier frequency; luminance S/N ratio 60 dB; audio bandwidth 20-20,000 Hz ..... \$789

### VSGEII Digital Video/Audio Switcher

Digital switcher uses microchips for all switching. Features include parallel switching of 4 video and stereo audio inputs to 4 video and stereo audio outputs in any matrix combination; can route, monitor and split signals without having to plug and unplug cables; all inputs and outputs are isolated and buffered. Video section: 4 inputs, 75 ohm, 1 volt; 4 outputs, 75 ohms, 1 volt; nonlinearity less than 1%; video bandwidth 8 MHz  $\pm$  3 dB; video/audio gain error 1 dB. Audio section: 4 stereo inputs, 47 kilohms, 1 volt; 4 stereo outputs, 100 ohms, 1 volt; channel cross talk <50 dB; audio bandwidth 20-20,000 Hz  $\pm$  1 dB. 9 1/4 x 2 1/4 x 6 3/8 in ..... \$469

### VM-10A A/V Distribution Amplifier

Features ten video and stereo audio outputs feeding from one video and audio source; one video loop with Hi-z/75 ohm termination switch and stereo audio loop. Video nonlinearity better than 2%; chroma phase error less than 2 degrees; video bandwidth 20,000 Hz; signal-to-noise ratio 65 dB ..... \$449

### VM-7-E Video Noise Limiter

Video processor removes video noise and snow from composite video picture. VNL circuitry removes up to 10 dB of video noise from signal. Features include video splitter; luma control for proper brightness and contrast; processors; enhancers; frequency control for finding which area in video bandwidth requires maximum noise reduction. 3.5 lb ..... \$299

### VS-2EII Video/Stereo Audio/Distributor

Combines video enhancer with video gain circuit and stereo-audio mixer. Features automatic noise limiter; color processor; video amplifier/fader; three video outputs with two-in/three-out stereo-audio mixer ..... \$299

### VX-18 Video Improvement Center

Combines enhancer with video processor. Includes video stabilizer; fader control; video en-



# AUDIO/VIDEO PROCESSORS

hancement with  $\pm 10$  dB definition control; color processing with  $\pm 8$  dB color gain control and  $\pm 8$  dB color hue control; video distribution amplifier with RF output and three video and audio outputs ..... \$249

## VM-11E Screen Splitter

Video splitter displays 2 video sources on same monitor for comparison of processed to nonprocessed video. Also allows viewing of 2 pictures at the same time ..... \$199

## MULTIVISION

### 3.1 Digital Video Processor

Two video tuners with 139 channels each; six-bit digital processing; picture-in-picture processing; MTS stereo TV decoding; remote control; video switching ..... \$529

### 2.1 PIP Processor

Six-bit digital processing; 139-channel cable-ready tuner; digital video effects include picture-in-picture viewing of second broadcast channel (when used with a VCR's tuner), PIP monitoring of external video source, PIP freeze frame, PIP strobe, and swapping main and inset images. Size of inset picture variable from one-third to one-sixth or one-eighth of screen; variable position; all features controlled through the full-function remote control ..... \$329

### 1.1 DVC Digital Video Controller

Four inputs; one output; remote control; displays two sources on screen; monitors and swaps audio independent of video; scans four active A/V sources automatically; PIP positionable; color saturation and hue adjustments for PIP image; PIP strobe; autoscan samples all active video and audio sources for time programmable between 1 and 10 seconds; audio and video processor loops; LED readout ..... \$329

## NEC

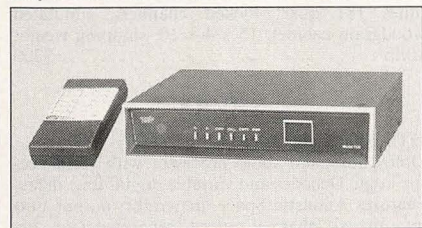
### AVD-700E Digital Delay Processor

Digital-delay processor/switcher provides adjustable delay circuit for rear channel (from 0 - 92 msec). Features 6 video inputs, 5 video outputs; 11 audio inputs, 8 audio outputs; surround sound effects: Dolby, hall, matrix, and creation; 42-function remote control with memory. Frequency response (analog stage) 10-10,000 Hz  $\pm 3$  dB, (digital stage) 10-20,000 Hz (+0.5, -1 dB); signal-to-noise ratio 100 dB; 0.005% THD; 17 x 3 1/8 x 13 1/2 in; 16.1 lb ..... \$729

## ORA ELECTRONICS

### TU2 Wireless Remote TV Tuner

Enables non-remote controlled TV's to become fully remote controlled and cable ready. Features



139-channel tuner; outputs for audio/video signals for TV video monitors and VCR's; volume control; RF and power outputs ..... \$300

### SDX1 Stereo Decoder

Stereo TV adaptor with MPX and channel 3 RF inputs. Features one switch for selection of stereo, mono and SAP; a separate ch. 3, MPX selector switch; stereo left and right audio outputs compatible with most home audio/stereo equipment.

Can be used with TU2 tuner for true stereo TV sound ..... \$179

### HQS2000 Enhancer/Stabilizer

Upgrades older VCR's to the "High Quality" (HQ) improvements made in newer units when doing tape-to-tape copying. Also enhances video and stereo/audio signals. Also includes a copy-guard stabilizer to prevent picture jitter .... \$99

### HQ1000 Audio/Video Enhancer

Upgrades older VCR's to the "High Quality" (HQ) improvements made in newer units when doing tape-to-tape copying. Also enhances video and stereo/audio signals ..... \$60

## PHOENIX GOLD

### TBC-1 Time Base Corrector

Allows Gen-Lock of two video signals from consumer VCR's and cameras without modifications to components. Freeze frame field, several proc amp features, interfaces with special effects generators currently available ..... \$1,000

## PICO MACOM

### PMI-6210 Stereo Decoder

Provides stereo sound from MPX output of television or from channel-3 output of a stereo-compatible top converter; selectable stereo, mono, or Second Audio Program sound; stereo/Second Audio Program indicator ..... \$58

## PIONEER

### SP-X707 Surround-Sound Processor

Surround-effect processor with four modes: simulated stereo, stadium, theatre, and Dolby Surround; dynamic-expansion switch; super-bass switch; wireless remote control. Power output 30 W/ch. 14 3/16" wide x 3" high x 13" deep; 14 lb, 9 oz ..... \$320

### EG-X707 Audio/Video Processor

Audio/video processor with video enhancer for detail, sharpness, noise reduction, white clip; control for color balance, hue, and depth; A/V fader; seven-band graphic equalizer; spectrum display. 14 3/16" wide x 3" high x 13 1/8" deep. 10 lb, 10 oz ..... \$225

## PROTON

### 690 MTS Decoder

Multichannel television stereo decoder with input sensitivity level control. Four selections available: stereo, main, Second Audio Program, or both. Features two outputs, one input, and two sources. dimensions: 10 1/8" wide x 2 5/8" high x 16 1/4" deep; weight: 8 lb, 8 oz ..... \$149

### 601T Stereo Video Tuner

Stereo video tuner with 3 audio inputs, 4 audio outputs, 3 video inputs, 4 video outputs (1 variable), and digital PLL tuning. Receives 139 channels. Features simultaneous view and record for all sources; electronic-controlled front-loading door; remote control; last-channel recall; FM simulcast capability; built-in stereo; Second Audio Program. 16" wide x 2 1/2" high x 13" deep; weight: 17 1/2 lb ..... \$379

## RECOTON

### V612A Master Control Center

Connects up to six video components to master device. Operate any of three output functions simultaneously. Features 10-dB signal amp; 75-dB isolation and insertion; loss <3 dB; LED mode indicators; master keyboard. 7" wide x 3.5" high x 5" deep; 4 lb ..... \$230

### V615A Stereo Color Processor

Stereo color processor/enhancer/distribution amplifier for making copies of videotapes. Features detail enhancement; tint control; color control; video gain control with meter; bypass switch; makes up to four copies from one original simultaneously; RF converter; 1 RCA video input, two RCA audio inputs; four RCA video outputs, eight RCA audio outputs, one RF output ..... \$230

### Stereo Audio/Video Switcher

Three inputs; four outputs; video and audio distribution amplifiers; allows recording one source while watching another; enables user to make four copies of one original at one time; light emitting diode readout ..... \$230

### V624 MTS Stereo TV Decoder (Fred III)

MTS stereo decoder with digital filters. Connection to cable TV converters with selectable channel 3/4 RF input. Stereo TV sound probe allows any TV or VCR to receive and decode MTS and SAP; multi-band stereo synthesizer automatically senses mono broadcast and simulates stereo;



built-in 12-W/ch integrated stereo amp with individual sliders for volume, balance, bass and treble. Dynamic Noise Reduction, MPX inputs for direct connection; one line output and line input. Audio frequency response 20-14,000 Hz; signal-to-noise ratio >70 dB; stereo separation 35 dB  $\pm 5$  dB; dimensions: 13" wide x 7" high x 3" deep; 10 pounds ..... \$180

### V622 MTS Stereo TV Decoder (Fred I)

MTS stereo decoder with digital filters. Allows stereophonic reproduction of any program broadcast in stereo. Designed by Larry Schotz, this Sound Probe allows any TV or VCR to sense and decode MTS stereo broadcasts. Multiband synthesizer senses and simulates stereo from monaural broadcasts; spatial expander increases stereo separation. S/N >70 dB; stereo separation 35 dB  $\pm 5$  dB; 3 lb ..... \$150

### V604A Enhancer/Converter/Stabilizer

Stereo enhancer/RF converter/stabilizer with low-noise video-enhancement/detail circuit; Video Noise Reduction; timed fade control; adjust-

## PRICES LISTED

are manufacturers' suggested retail prices  
(also referred to as *list* prices);  
actual selling prices are set by individual dealers.  
All prices are subject to change without notice.



# AUDIO/VIDEO PROCESSORS

able stabilizer with LED lock; brightness and contrast adjustments; bypass; two inputs; three outputs ..... \$150

## V618 Stereo Simulator Amplifier

Splits mono sound into two channels and simulates stereo sound while boosting level to 4½ watts. Features DNR noise reduction; LED display; plugs into earphone jack or audio-out jack. With two 10" speaker leads, 6-ft male RCA to male 3.5 mm plug, mini jack to RCA plug adaptor ..... \$145

## V614 Video Control Center

Deluxe mini video control center with four inputs and two outputs. Pushbutton selectors; LED indicator panel; two Gold Connection cables; TV game/computer adaptor, AC adaptor. 6" wide x 1½" high x 4" deep ..... \$140

## Producer Series Enhancers

**V601A.** Image enhancer with RF converter for high contrast, improved color ..... \$100

**V620.** Stereo audio/video distribution amplifier for sending one signal to up to four VCR's; heavy-duty shielding; RCA inputs and outputs ..... \$90

**V600A.** Video stabilizer with RF converter to eliminate picture roll and distortion; installs between VCR and TV ..... \$70

**V609.** RF converter converts output from video or computer component into standard antenna signal; also has channel selector for choosing channel 3 or 4 ..... \$50

## V611 Stereo Sound Simulator

Installs between TV or VCR and stereo system, changing mono output to simulated stereo. Right and left volume separately adjustable; adjustable noise reduction; shielded solid-state crossover. With cables ..... \$44

## V311A VCR-TV Stereo Simulator

Miniature stereo simulator built in to connecting cord; connects between mono VCR or TV at input end, two RCA jacks at output end ..... \$12

## Fred Probes

**V510.** Replacement internal probe ..... \$8.99

**V511.** Replacement external probe ..... \$8.99

## REMBRANDT

### MTS-020 Stereo TV Receiver

Works with all monophonic and stereo TV sets; SAP; receives audio signal from TV with MPX output; audio input and output; fuse protected output to speakers; headphone output jack; 3 watts per channel; includes 6 ft. coaxial cable and 6 ft. audio/video stereo RCA type connector cables ..... \$160

### MTS-010 Stereo Decoder

Decodes MTS stereo and SAP programs for TV's. Features F connectors to connect to TV/CATV converters; stereo, mono and SAP selector; standard audio left and right outputs to stereo home units or amplified speakers; alternate MPX inputs for video/audio equipment with MPX output; direct MPX/Channel 3 hookup to most cable converters ..... \$90

## RHOADES

### RP-250DL Surround-Sound Decoder

Decodes front and rear channels from stereo TV and audio programming. Features tape loop; two

inputs; adjustable delay; separate front, rear, master level control; front-channel synthesizer; delayed mono to rear for nonstereo sound; plugs into tape-out jacks on stereo system; requires separate amplifiers and speakers for rear channels. 16" x 1¾" x 10" ..... \$250

**TA-1001.** Omni-Plexer similar to above but without extra features. Connects to front speakers or



speaker outputs of main amp; includes amp for rear channels. 8½" x 2" x 6½" ..... \$130

### TE-800 Stereo TV Decoder

Produces stereo sound from mono TV or VCR receiving MTS stereo TV broadcast. Stereo-Plex stereo synthesis for mono broadcasts; connects between earphone jack, speaker terminals, or audio output on TV or VCR and auxiliary or tape inputs on stereo system ..... \$149

### TE-200 TV-to-Stereo Adaptor

Takes mono video sound and synthesizes Stereo-Plex stereo sound; connects between earphone jack, speaker terminals, or audio output on TV or VCR and auxiliary or tape inputs on stereo system ..... \$40

**TE-250.** Similar to above except for video equipment with stereo audio outputs ..... \$70

## SANSUI

### AV-99 Audio/Video Signal Processor

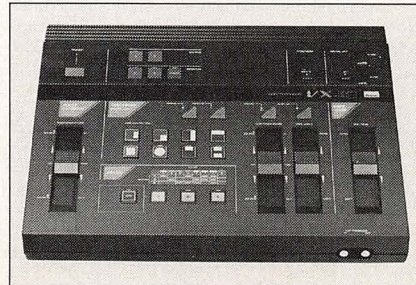
Features fade control; contrast control; direct connection between videocassette recorder and television receiver or monitor; connection between two videocassette recorders; switcher selection between three sources; operation during recording and playback; joystick-operated color wiper; joystick-operated color generator; zoomer; video enhancer; video stabilizer; color bar generator; color background generator; solarization; counter; 16½" x 4½" x 11¼" ..... \$650

### S-XV1000 A/V Control Center

Features dual stereo amplifiers for cinema-surround reproduction. Front channels 80 W rms; 8 watts for rear channels; processes audio and video signals; inputs for 3 VCR's and/or disc player and audio components; quartz phase-lock-loop tuner with 16 station presets; joystick color corrector; RF converter; independent audio/video faders; processor terminals; remote control for switching 3 video/4 audio programs ..... \$600

### VX-99 Color Video Processor

Post-production processor enables user to make soft/hard-edge wipes; image positioning; fade to color/picture; positive/negative control switch-



ing; and digital art. 2 video outputs; audio fade and mix; 8 background colors; external processor terminal for editor, character generator, or other components ..... \$600

### AV-77 Audio/Video Processor

Combines functions of video processor, audio processor and audio/video switcher in one unit. Video controls include detail sharpness; picture; Art 1, 2, and 3 controls and special effects; wipe and fader. Features connections for two videocassette recorders, videodisc, video camera, and audio amplifier. Permits bidirectional audio and video duplication, microphone mixing and voice-over or dubbing. Multi-directional controls for expanded stereo or stereo simulation. Built-in RF converter. Video frequency response 6.5 Hz-10 MHz  $\pm 2$  dB; video signal-to-noise ratio 62 dB; maximum audio output level 1.0 volts; IHD 0.05%; dbx NR. 16½" x 3 x 10¾" ..... \$400

### DS-77 Surround Sound Processor

Decodes encoded stereo video tapes to provide surround-sound performance. Features 3 Surround Sound effects: Theater, QS Surround, and Hall. Built-in 10-W/ch amp to drive rear or front speakers; sub-bass synthesizer and peak attacker; outputs for 3 sets of speakers; stereo synthesizer for mono materials. 16½" x 2½" x 9¾" 8.6 lb ..... \$400

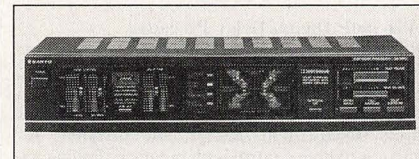
### AV-C10 A/V Control Center

Surround-sound processor with selectable effects. Features built-in 15-W/ch amp for rear or front channel use. Built-in 5-band equalizer. Video output; RF output; dubbing capabilities for 2 tape decks; 16½" x 3 x 10¼" ..... \$220

## SANYO

### SAV-200 Dolby Surround-Sound Processor

Dolby Surround processor with built-in amplifier. Features built-in 20 W/ch amplifier; 3-way signal processing (Dolby Surround, simulated hall sur-



round, simulated stereo); variable time delay 15-30 ms; input balance control; variable surround balance control; FR 40-30,000 Hz with no more than 0.9% THD; 16½ x 3¾ x 8 in; 8 lb ... \$150

## SEARS

### Closed-Caption Telecaption Adaptor

Decodes closed-captioned broadcasts and displays subtitles on screen. Wireless remote control tunes 181 quartz-locked channels; simulated woodgrain cabinet. 15 x 4 x 10; shipping weight 10 lb ..... \$200

## SHURE

### HTS 5200 Generation 2 Processor

Dolby Surround audio processor with Acra-Vector Logic Decoder and variable digital time delay. Features Acoustic Space Generator; output LED monitor; six-channel output; separated L/R surrounds in rear, and subwoofer output; wireless remote. Frequency response 20-20,000 Hz  $\pm 0.5$  dB (front L/R, center); S/N >90 dBV; THD (front L/R, center) <0.1%, (surround L/R) <0.3%; 16.81" x 2.38" x 15.03"; 11.10 lb ..... \$1,000

### HTS 5000 Surround-Sound Processor

Decodes Dolby stereo sound encoded in video-discs, videotape, and broadcast TV. Produces simulated surround sound from mono and stereo

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



# AUDIO/VIDEO PROCESSORS

sources. Provides up to six channels of audio output: left, right, center, two surround channels, and subwoofer channel. Features Acra-Vector decoder circuitry with variable digital delay settings; acoustic space generator; remote control; output light emitting diode monitor display. FR 20-20,000 Hz  $\pm 0.5$  dB; S/N (front left, front right, center)  $>90$  dBV,  $<85$  dBV (surround L/R); dimensions: 16.81" x 2.38" x 15.03"; weight: 9.13 lb ..... \$749

## SONY

### PCM-601ESD Digital Processor

Digital audio processor converts analog sound to digital signal configured as NTSC video signal for recording on VCR, receives such a signal from VCR and converts signal back to analog audio signal. Features digital input/output interface; direct decoding of digital output from compact disc players; digital audio data transfer; switchable 14- or 16-bit quantization; digital copy-out; automatic muting; independent left and right record-level settings; monitors VCR's output signal for errors caused by head wear or transport instability (so VCR can be adjusted) ..... \$1,400

### SDP-505ES Surround-Sound Decoder

Digital surround-sound decoder with 16-bit linear quantization and sampling rate of 44.1 kHz. Features separate left- and right-channel delay controls in 0.1-millisecond steps from 0 to 90 milliseconds; compatible with Dolby Surround-encoded recordings (left- and right-channel delay



separately adjustable from 10 to 30 ms); matrix, hall, and simulated surround modes; pink-noise generator to calibrate Dolby mode and set front and rear speaker levels; three time-delay memory positions; five-position ambience mode selector; master volume control; 14-watt-per-channel amplifier for rear speakers; line-out jacks; audio-video surround sound processor jacks ..... \$700

## SURROUND SOUND

### 720 Full Logic Stereo Surround System

Features digitally controlled adjustable time delay; full function wireless remote control with low-noise VCA technology; modes for Dolby surround, music surround, mono enhance, bypass. Total harmonic distortion 0.015%; front channel frequency response  $+0.5$  dB 5-50,000 Hz; surround channel frequency response  $+0.5$  dB of Dolby specification; front to back separation 60 dB; dynamic range 110 dB; decoding detector range 80 dB; 2 line level stereo inputs; 6 outputs including center channel auto switching for correct imaging. Dimensions: 16 $\frac{3}{4}$  x 1 $\frac{3}{4}$  x 8 in; 6.2 lb ..... \$600

### 360II Amplified Stereo Surround System

Surround sound decoder with 45 watt amplifier



built-in. Six-channel system features center channel and subwoofer outputs; 4-way input-switching and dub outputs; delay-adjustable mono enhance mode for synthetic stereo from any monophonic input. Dimensions: 16 $\frac{3}{4}$  x 12 x 2 $\frac{1}{2}$  inches; 12.5 lb ..... \$380

## TEAC

### AV-550D Audio/Video Controller

Features Dolby Surround, hall surround, and matrix surround with video enhancer and audio insert. Includes fade control; five inputs; connects between two Videocassette recorders; reduces noise; can operate during recording and playback. 12-W/ch from 100-6,000 Hz with no more than 1% total harmonic distortion; audio frequency response 20-100 kHz  $\pm 3$  dB; luminance signal-to-noise ratio 62 dB; video frequency response 6-10 MHz  $\pm 3$  dB. Dimensions: 17 $\frac{1}{8}$  x 2 $\frac{3}{4}$  x 11 $\frac{5}{8}$  inches; 9.94 lb ..... \$449

## TECHNICS

### SH-AV44 A/V Surround Processor

A/V Surround processor with Dolby Surround and selectable modes. 6 position A/V selector with BGV (background video) capability; built in amp for surround sound speakers; bass boost; master volume control; rear level control; calibration controls with LED indicators; effect/delay time control for surround effect; LED input source indicators. Audio section: 25 watts/ch rms; FR 40-20,000 Hz both channels driven with 0.3% THD; Dimensions: 16 $\frac{15}{16}$  x 3 $\frac{3}{8}$  x 10 in; 10.1 lb ..... \$295

## VIDEO LINK BY XANTECH

### Picture Perfect Video Tape Descrambler

Descrambles any past or present copy-protection system to improve picture quality. Especially



for older video tapes. Connects between the video output of a VCR and the video input of a monitor or TV ..... \$89.95

## VIDEONICS

### DirectED

Automatic movie-making system. Combines the functions of a video editor, titler, and special effects generator in a single package. Functions solely by wireless remote control without direct access controls on front panel. Features a help key for on-screen help; 64 title-colors to choose from; several different wipes and fades to choose from. Can be used with any format of tape, including any of the following: VHS, VHS-C, Beta, 8mm, or  $\frac{3}{4}$ " ..... \$499

## VIDICRAFT

*All processors have two-year warranties except for PLR-100 Play-Right stabilizer, which has a one-year warranty.*

### AVP-100 A/V Processor

For image enhancement, switching, and color correction; horizontal sharpness; vertical sharpness; luminance, color, hue adjustment; inputs and outputs for four sources with stereo audio;

one accessory loop through ..... \$460

### DET-400 Video Detailer IV

For advanced image enhancement (horizontal sharpness, vertical sharpness, detail, video noise reduction, DNR, black noise reduction, split screen); four input and output channels with stereo audio ..... \$420

### DET-300 Video Detailer

Detailer III; horizontal sharpness, vertical sharpness, detail, black noise reduction, split; screen; no DNR; three bridged outputs ..... \$270

### SEG-200 Special-Effects Generator

Auto and manual fading; vertical interval switching; colorful fades; color/black backgrounds; any-angle wipes; unlimited pattern shapes; dissolves with gen-lock cameras; titles on mattes with PC; video editing with two sources; two input channels, one output channel with stereo audio; black-burst output; A/B source selection for automatic transitions ..... \$530

### Rack-Mount Kit

For all above models except DET-300. Kit includes rack mount ears and all hardware, tools, and instructions for assembly ..... \$39.95

### IVE-200 Integrated Video Enhancer

Auto stabilizer and enhancer with RF modulator; sharpness and detail controls; distribution amp; stereo audio inputs and outputs; VNX video noise reduction ..... \$240

### VCP-100 Color Processor

Video color processor. Features auto or manual fading; luminance correction; color saturation; hue-color phase; RF modulator for use with projection televisions to improve overall picture quality ..... \$220

### PLR-100 Play-Right Stabilizer

Digital video stabilizer designed to eliminate color flashing, color loss, picture rolling, streaking, and jittering when playing copy-protected movies by eliminating information in video signal and generating new vertical sync pulses; not intended for unauthorized duplication of copyrighted material which is prohibited by Federal copyright law ..... \$130

## YAMAHA

### DSP-1 Digital Sound Field Processor

Features 16 preset acoustic surround modes including 6-channel digital Dolby surround; 16 additional preset effect modes; 16 user-programmable memory modes; 16-character LCD; wireless infrared remote control; 5 variable perimeter adjustments per mode; digital sound field generator; Dimensions: 17 $\frac{1}{8}$  x 2 $\frac{3}{4}$  x 12 $\frac{1}{2}$  inches; weight: 10 lb ..... \$899

### SR-50 Surround-Sound-Processing Amp

Audio/video surround-sound-processing amplifier with five surround modes including Dolby Surround and 4 synthesized surround options. 25 W/ch RMS; FR 20-20,000 Hz  $-2$ ,  $+0$  dB; THD 0.03%; S/N 83 dB; Dimensions: 17 $\frac{1}{8}$  x 2 $\frac{3}{4}$  x 15 $\frac{1}{8}$  in; 11.10 lb ..... \$279

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



# VIDEO SPEAKERS



## ACOUSTIC RESEARCH

### Powered Partner Speaker

Acoustic-suspension two-way bookshelf speaker with shielded drivers for use near video screens without causing picture distortion. Features built-in equalized amp; on/off switch; volume and tone controls; AC/DC inputs; 4" long-throw woofer; 1" liquid-cooled tweeter. Can be placed on top or near TV, hung on a pole, mounted on wall, or clamped to a shelf with optional clamps. Frequency response 50-25,000 Hz  $\pm$  3 dB; impedance 10 kilohms. Black aluminum finish. Triangular shape 10 1/2" wide x 6" high x 7 5/8" deep; 7 lb ea. .... \$380/pr

## AMBICO

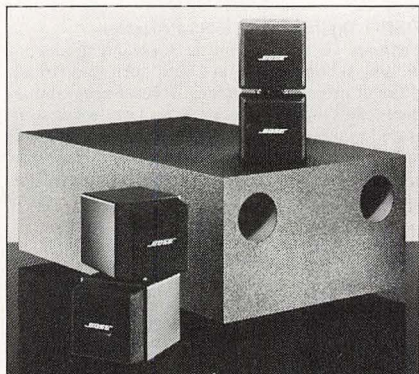
### V-0690 Audio for Video Speaker

Next-to-TV compression-loaded speaker with metal cylinder and anti-magnet caps on speaker magnet. Wood with silver or black veneer finish. Features built-in 8-watt amp; 3 inputs (TV, VCR, AUX); input switcher; bass, treble, volume controls; AC power supply; on/off switch; stereo/ambient switch. 1 woofer: 4" cone. 1 tweeter: 2" cone. Frequency response 50-20,000 Hz  $\pm$  3 dB; minimum power 6 watts; maximum power 9 watts; input impedance 50 kilohms; sensitivity 500 mV at 1% THD, 1,000 Hz. .... \$170/pr

## BOSE

### AM-5 Acoustimass Speaker System

Three-piece speaker system with Acoustimass bass module and Direct/Reflecting cube satellites. Each magnetically shielded satellite has two separate cubical enclosures that can be attached or separated, rotating for direct or reflected sound. Bass module has two 6 1/2" woofers in a



double-ported enclosure. Features positive-temperature-coefficient protection circuit; high-positive-current-coefficient resistor to compress overloading input signals. Maximum input power 165 watts; satellite cubes are 3 1/2" on each side with grille extending 1"; bass module 12" wide x 20" long x 8" high. .... \$699

### Video RoomMate Speakers

Pair of powered speakers with single magnetically shielded driver with twin ports in each charcoal-gray enclosure with silver grille; volume control;

active equalization; circuits to minimize distortion and noise; standard RCA cables; optional adaptors; optional mounting accessories. 6" x 9" x 6" each; 13 lb, 8 oz per pair. .... \$279/pr

## BOSTON ACOUSTICS

### A40V Series II Video Speaker

Compact speakers with MagnaGuard magnetic shielding for placement next to a video receiver or monitor without affecting picture quality; 3/4" ferrofluid tweeter, 6 1/2" long-throw woofer; power range 5-50 watts; frequency response 68-20,000 Hz  $\pm$  3 dB; impedance 8 ohms. 13 1/2" high x 8 1/4" wide x 7 1/4" deep; 9 lb. Black finish. .... \$180/pr

## DESIGN ACOUSTICS

### PS-6V Shielded Bookshelf Speaker

Acoustic-suspension speaker with shielded magnets for use near video screens without causing picture distortion. Features 6" long-throw woofer; 3/4" soft-dome tweeter; mirror-image driver placement; acoustically treated baffle with minimal surface area. Frequency response 55-20,000 Hz; power range 10-100 W; sensitivity 88 dB SPL/W/m; imp 8 ohms. 8 1/8" x 12" x 11 1/2"; 12 lb each. .... \$280/pr

## FISHER

### STV-440 3-Way Speaker System

Features 15" woofer; 5" ferrofluid midrange; 3" ferrofluid tweeter; magnetic field compensated; 150 W rms max. 17.8 x 38.6 x 12.8 in; oak vinyl veneer finish. .... \$600/pr

### STV-430 3-Way Speaker System

Features 15" woofer; 4" ferrofluid midrange; 3" ferrofluid tweeter; magnetic field compensated; 100 W rms max. 17.8 x 36 x 12.8 in; oak vinyl veneer finish. .... \$400/pr

### STV-420 3-Way Speaker System

Features 12" woofer; 4" ferrofluid midrange; 3" ferrofluid tweeter; magnetic field compensated; 100 W rms max. 14.3 x 29.7 x 12.9 in; oak vinyl veneer finish. .... \$300/pr

### STV-410 3-Way Speaker System

Features 10" woofer; 4" midrange; 3" tweeter; magnetic field compensated; 60 W rms max. 12.3" w x 25.7" h x 10.9" d. .... \$200/pr

### Amplified Speaker Systems

All amplified speaker systems feature built-in amps rated to deliver 30 W/ch into 8 ohms with no more than 0.1% THD; 3-way bass-reflex design (except STA-226, 2-way); 8" woofers; 4" midranges; 3" tweeters; magnetic field compensation; RCA line input jacks.

STA-226, (2-way) 8" woofer, 3" tweeter; matches height with Fisher 19" and 20" PC series TV's. .... \$400

STA-341, Matches height with Fisher 25" PC series TV's. .... \$400

STA-361, Matches height with Fisher 26" PC series TV's. .... \$400

STA-381, Matches height with Fisher 27" PC series TV's. .... \$400

## TV/Audio Speakers

All speakers feature 8" woofer; 4" midrange; 3" tweeter; magnetic field compensation for placement near a TV or video monitor. Max power 50 W rms.

STV-380, 10.2" w x 25.6" h x 11" d; matches height of Fisher 27" PC series TV's. .... \$220/pr

STV-340, 10.2" w x 23.4" h x 11" d; matches height of Fisher 25" PC series TV's. .... \$200/pr

STV-013, 10.2" w x 24" h x 11" d; matches height of Fisher 26" PC series TV's. .... \$200/pr

STV-012A, 11" w x 19" h x 11" d; matches height of Fisher 19" and 20" PC series television sets. .... \$200/pr

## KOSS

### M/100 Plus Magnetically Shielded Speaker

Bass-reflex speaker with built-in 20-watt-per channel amplifier. Two 4 1/2" cone woofers; 1" dome tweeter. Frequency response 50-30,000 Hz  $\pm$  3 dB. .... \$260/pr

### M/90 Plus Magnetically Shielded Speaker

Bookshelf bass-reflex with larger cabinet for improved bass response. Two 4 1/2" cone woofers; 1" dome tweeter. Frequency response 50-30,000 Hz  $\pm$  3 dB; power range 10-20 watts; sensitivity 88 dB SPL/W/m; impedance 4 to 6 ohms; 15 lb. .... \$220/pr

### M/80 Plus Magnetically Shielded Speaker

Bookshelf bass-reflex speaker. Two 4 1/2" cone woofers; 1" dome tweeter. Frequency response



50-30,000 Hz  $\pm$  3 dB; power range 10-20 watts; sensitivity 92 dB SPL/W/m; impedance 4.5 to 6 ohms; 5 1/4 x 12 7/8 in; 8 lb. .... \$190/pr

### M/60 Plus Magnetically Shielded Speaker

Bookshelf bass-reflex speaker. 4 1/2" cone woofer; 1" dome tweeter. Frequency response 100-30,000 Hz  $\pm$  3 dB; power range 10-15 watts; sensitivity 84 dB SPL/W/m; impedance 6 to 8 ohms; 8 1/4 x 4 3/4 x 5 1/2 in; 4.9 lb. .... \$135/pr

## NEC

### RS-100 Magnetically Shielded Speaker

Floor-standing video speaker with passive dual transmission path; low-frequency section with passive termination. Features 10" polypropylene mass-loaded passive rad; two 8" polypropylene long-throw woofers; 35-mm cambric dome midrange; 1" elliptical dome tweeter; poly-arc adjustable high-frequency array (lead shielded on one speaker). Frequency response 28-20,000 Hz  $\pm$  3



# VIDEO SPEAKERS

dB; minimum power 25 watts; maximum power 200 watts; sensitivity 90 dB SPL/W/m; impedance 4 ohms. 14 x 42 x 16 in; 103 lb ea; fine oak veneer ..... \$1,500/pr

## RS-500 Magnetically Shielded Speaker

Floor placement acoustic-suspension video speaker. All drivers are magnetically shielded. Features 12" cone woofer; 5" polypropylene-acetate cone midranges; and soft-dome tweeter. Frequency response 40-20,000 Hz  $\pm$  3 dB; minimum power 15 watts; maximum power 130 watts; sensitivity 92 dB with 1-watt input measured at 1 meter; impedance 8 ohms; finished in teton oak; 14 x 27 x 10 $\frac{3}{4}$  in ..... \$499/pr

## AVS-300 Magnetically Shielded Speaker

Bookshelf acoustic-suspension video speaker with 5 $\frac{1}{2}$ " cone woofer and 1" polymer dome tweeter. Frequency response 80-20,000 Hz  $\pm$  3 dB; minimum power 5 watts; maximum power 60 watts; sensitivity 89 dB SPL/W/m; impedance 8 ohms. 6 $\frac{1}{2}$  x 9 $\frac{3}{4}$  x 5 $\frac{5}{8}$  in; 6.12 lb ea ..... \$199/pr

## SW-300B Powered Shielded Subwoofer

Bass reflex subwoofer with built-in 60-W amplifier. Features turnover and level controls; low-pass filter; 12" cone. 20 $\frac{1}{16}$  x 17 $\frac{15}{16}$  x 15 $\frac{1}{32}$  in; 32 lb ..... \$299

## PIONEER

### CS-910 3-Way Shielded Speakers

Magnetically shielded for use near video screens; 12" cone woofer; 4" cone midrange with center dome; 1" dome tweeter; aluminum die-cast frames for woofer and midrange; tweeter and midrange drivers of titanium; round-cornered baffle for reduced diffraction and smooth response; dark oak veneer. Frequency response 25-30,000 Hz; nominal impedance 6 ohms; sensitivity 90 dB/SPL/W/m; maximum music power 150 watts. 16 $\frac{1}{8}$ " wide by 35 $\frac{1}{16}$ " high x 15 $\frac{1}{16}$ " deep; 75 lb per pair ..... \$1,000/pr

### CS-VX110 2-Way Shielded Speakers

Magnetically shielded for use near video screens; usable with monitors or as surround-sound speakers (mount on wall with attached brackets); 7" woofer; 2" tweeter; dark oak veneer. Frequency response 50-20,000 Hz; nominal impedance 8 ohms; sensitivity 90 dB/SPL/W/m; maximum music power 60 watts. Dimensions: 9 $\frac{3}{8}$ " wide x 13 $\frac{3}{4}$ " high x 5 $\frac{1}{16}$ " deep; 23 lb, 1 oz per pair ..... \$300/pr

## POLK

### Videosound Series Speakers

#### VS-25 Video Speaker

Bookshelf speaker with combination dual-opposed and magnetic shielding for placement near TV's. Features 6 $\frac{1}{2}$ " fluid-coupled subwoofer; 6 $\frac{1}{2}$ " Polk trilaminate bass driver; 1" polydome tweeter. Frequency response 26-25,000 Hz  $\pm$  3 dB; minimum power 3 watts; maximum power 125 watts; sensitivity 93 dB SPL/W/m; impedance 6 ohms; high-tech black finish; 8 $\frac{1}{2}$  x 22 $\frac{3}{4}$  x 11 in; 25 lb ..... \$340/pr

#### VS-19 Video Speaker

Bookshelf speaker with combination dual-opposed and magnetic shielding for placement near TV's. Features 6 $\frac{1}{2}$ " Polk trilaminate bass driver; 1" polydome tweeter. Frequency response 28-25,000 Hz  $\pm$  3 dB; minimum power 3 watts; maximum power 100 watts; sensitivity 93 dB SPL/W/m; impedance 6 ohms; high-tech black finish; 8 $\frac{1}{2}$  x 18 $\frac{3}{4}$  x 11 in; 22 lb ..... \$300/pr

#### VS-12 Video Speaker

Bookshelf speaker with combination dual-op-

posed and magnetic shielding for placement near TV's. Features 6 $\frac{1}{2}$ " Polk trilaminate bass driver; 1" polydome tweeter. Frequency response 30-25,000 Hz  $\pm$  3 dB; minimum power 3 watts; maximum power 80 watts; sens 93 dB SPL/W/m; imp 6 ohms; hi-tech black finish; 8 $\frac{1}{2}$  x 14 $\frac{1}{4}$  x 11 in; 19 lb ..... \$200/pr

## PROTON

### 313 Video Speaker

Acoustic-suspension bi-amplified video speaker with 20-watt internal woofer amplifier and 5-watt internal tweeter amplifier. Features 4 $\frac{1}{2}$ " cone passive radiator; 4 $\frac{1}{2}$ " cone woofer; 1 $\frac{3}{4}$ " ferrofluid-cooled cone tweeter; tweeter level control; input sensitivity control; magnetically shielded. Frequency response 80-20,000 Hz  $\pm$  6 dB; impedance 8 ohms. 6 $\frac{1}{2}$  x 23 x 7 $\frac{1}{2}$  in; 12 lb ea; black finish ..... \$299/pr  
**312.** Same as 313 except frequency response 100-20,000 Hz  $\pm$  6 dB. Designed to complement the 600M monitor in height and style; 6 $\frac{1}{2}$  x 18 x 7 $\frac{1}{4}$  in; 14 $\frac{1}{2}$  lb ea ..... \$299/pr  
**314.** Same as above. Designed to match the VT-20 20" monitor/receiver ..... \$299

## QUASAR

### SW99 Video Speaker

Bookshelf acoustic-suspension speaker with built-in amplifier. Amplifier: 10 watts-per-channel driven into 8 ohms from 30-20,000 Hz with no more than 0.5% THD. Features 5 $\frac{1}{16}$ " woofer; 2 $\frac{1}{2}$ " tweeter; bass equalizer circuit; magnetically shielded; accepts high or low level inputs. Audio/video surround-sound system synthesizes stereo from mono sources. Frequency response 30-22,000 Hz  $\pm$  16 dB; 7 $\frac{9}{32}$ " w x 12 $\frac{9}{16}$ " h x 8 $\frac{7}{16}$ " d; 10 lb ea ..... \$160/pr

### SW30 Video Speaker

Bookshelf or wall-mountable round speaker with 4" midrange. Designed as rear speaker for an audio/video system. Frequency response 150-20,000 Hz  $\pm$  10 dB; maximum power 25 watts; sensitivity 85 dB SPL/W/m. 5 $\frac{7}{8}$ " diameter; 2 $\frac{1}{2}$  lb ea; black metal finish ..... \$50/pr

## RECOTON

### Fred SP-II Video Speaker

Powered bookshelf speaker with magna-shield magnetic shielding. Features 12-W/ch amplifier; 5 $\frac{1}{4}$ " cone woofer; 1 $\frac{1}{4}$ " cone tweeter; volume, balance, bass, and treble controls; two aux inputs for playback of MTS stereo TV decoder. Frequency response 60-20,000 Hz  $\pm$  3 dB; sensitivity 91 dB SPL/W/m; impedance 4 ohms; matte black finish. Dimensions: 6" wide x 18" high x 7" deep; weight: 10 lb ..... \$200/pr

### Fred SP-I Video Speaker

Similar to Fred SP-II but with 5 $\frac{1}{4}$ " driver instead of separate woofer and tweeter. Frequency response 80-18,000 Hz  $\pm$  3 dB; sen-



sitivity 90 dB SPL/W/m; 6" wide x 9" high x 6" deep; 5 lb ..... \$150/pr

## SEARS

### 57 E 4230 Two-Way Video Speakers

Shielded speakers with separate woofer and tweeter. 8 x 19 x 8; 18 lb ..... \$80/pr

## SONY

### SRS-B505 Powered Subwoofer

Powered tower subwoofer with shielding to prevent picture distortion when used near video screens. Controls for line-level or headphone-level input, speaker polarity, crossover frequency (70, 120, or 200 Hz), subwoofer level, and master volume. Hooks up to television pocket stereo, portable CD player, boombox, or stereo system; wooden cabinet. Power output 30 watts ..... \$200

## TECHNICS

### SB-RX50 Video Speaker

Bookshelf ported speaker with double-magnetic shielding. 9 $\frac{1}{2}$ " honeycomb carbon woofer; 1 $\frac{1}{8}$ " mica-diaphragm tweeter; auto-reset thermal protection. FR 30-48,000 Hz  $\pm$  3 dB; min power 20 watts; max power 160 watts; 11 $\frac{3}{4}$  x 18 $\frac{29}{32}$  x 1 $\frac{3}{32}$  in; 36.4 lb ..... \$980/pr

### SB-R200 Video Speaker

Bookshelf or wall-mount speaker with acoustic suspension and magnetic shield. Features thermal protection; mica tweeter; honeycomb radiator and woofer. Frequency response 65-25,000 Hz  $\pm$  3 dB; minimum power 20 watts; maximum power 160 watts; sensitivity 89 dB SPL/W/m; impedance 8 ohms; walnut veneer finish. 23 $\frac{3}{4}$  x 14 $\frac{7}{8}$  x 3 $\frac{11}{32}$  in; 20 lb ..... \$800/pr

### SB-RX30 Video Speaker

Bookshelf ported speaker with double-magnetic shielding. Features auto-reset thermal protection; rear-facing port; 9" honeycomb woofer; 1 $\frac{1}{8}$ " mica-diaphragm tweeter. Frequency response 52-25,000 Hz  $\pm$  3 dB; minimum power 20 watts; maximum power 120 watts; sensitivity 88 dB SPL/W/m; impedance 6 ohms; simulated wood finish. 10 $\frac{3}{4}$  x 14 $\frac{31}{32}$  x 8 $\frac{31}{32}$  in ..... \$450/pr

### SB-R100 Video Speaker

Bookshelf or wall-mount acoustic-suspension speaker with magnetic shielding. Features 32-cm passive radiator; honeycomb woofer; mica-disc tweeter. Frequency response 70-25,000 Hz  $\pm$  3 dB; minimum power 20 watts; maximum power 100 watts; sensitivity 87 dB SPL/W/m; impedance 8 ohms. Aluminum die-cast cabinet, black finish. 12 $\frac{13}{32}$  x 12 $\frac{13}{32}$  x 2 $\frac{3}{4}$  in ..... \$420/pr

### SB-F2MK2K Video Speaker

Bookshelf acoustic-suspension speaker with double-magnetic shielding. Features thermal protection; 5 $\frac{1}{2}$ " honeycomb woofer; 1 $\frac{1}{8}$ " honeycomb tweeter. Frequency response 55-33,000 Hz  $\pm$  3 dB; minimum power 20 watts; maximum power 100 watts; sensitivity 88 dB SPL/W/m; imp 8 or 4 ohms. Aluminum cabinet with black finish. 6 $\frac{3}{16}$  x 10 $\frac{1}{32}$  x 6 $\frac{25}{32}$  in ..... \$380/pr

### SB-F1MK2K Video Speaker

Bookshelf acoustic-suspension speaker with magnetic shielding. Features 4 $\frac{3}{4}$ " honeycomb woofer; 1 $\frac{1}{8}$ " mica-disc tweeter. Frequency response from 65-33,000 Hz  $\pm$  3 dB; minimum power 20 watts; maximum power 80 watts; sensitivity 86 dB SPL/W/m; impedance 8 or 4 ohms. Aluminum die-cast cabinet with black finish. 5 $\frac{9}{32}$  w x 8 $\frac{5}{8}$  h x 5 $\frac{11}{32}$  in; 6.4 lb ..... \$320/pr

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



# ACCESSORIES



## ALLSOP

### 62570 Video Care System

For VHS VCR's; cleaner, dust cover, and tape .....\$34.95

### Allsop 3 VCR Cleaning Systems

Nonabrasive cleaning ribbon and solution clean entire tape path (head, capstan, and pinch roller).

60200. ....\$29.95

60300. Refillable .....\$21.95

65000. For 8mm VCRs and camcorders. ....\$19.95

60100. For VHS VCR's .....\$15.95

## AMBICO

### V-0623 Wireless Microphone

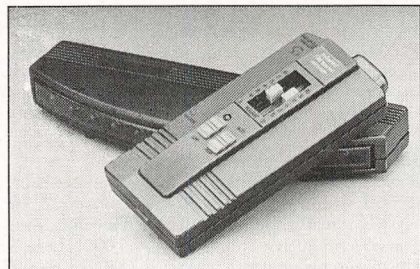
Wireless electret condenser hand-held microphone includes receiver. Features 200-ft range. 7 $\frac{3}{10}$  x 1 $\frac{1}{2}$  x 1 in; 0.36 lb .....\$100.00

### V-0620 Zoom Video Camera Microphone

Zoom FR 20-18,000 Hz. Mounts on videocamera accessory shoe. Unidirectional; cable and plug included .....\$100.00

### V-0602 Wireless Infrared Transceiver

Sends true stereo sound from any audio source up



to 25 feet without wires. 7" long; 110° transmission range .....\$100.00

### V-0625 Wireless Lapel Microphone

For remote recording. Functions at up to 50 feet away; reversible clip; mini-plug output and RCA-plug adaptor fits most audio and video recording devices. ....\$90.00

### V-0614 TelePrint Converter

Enables direct print-to-video tape transfer; built-in table pod. 9 $\frac{1}{2}$  x 8 x 6 $\frac{1}{4}$  in; 6 lb .....\$80.00

### V-0612 Telecine Converter

Utilizes a system of mirrors to transfer film or slides to video tape. Features built-in macro lens for simple set-up of any video camera even if it does not have its own macro function; built-in table pod; high-resolution screen .....\$80.00

### V-0604 Transceiver with Headphones

Infrared transceiver allows private listening to any audio source without cables. Features power supply; transmitter; receiver; headphones. 30-18,000 Hz frequency response. 1 lb .....\$70.00

### V-0680 Tape-to-Tape Enhancer

Boosts video and stereo audio signals between master and slave VCRs during tape duping; video

and audio gain controls (up to 3 dB for video, 20 dB for audio); AC power supply .....\$70.00

## A.M.P.S.

### Belt-Type Rechargeable Battery Packs

13B. Dual output 12-V, 13-amp gel-type; powers camcorder or VCR and video light; circuit breakers; converts to single pack (12 V, 6.5 amp output) .....\$139.99

NI-48. Nickel-Cadmium; features cigarette lighter receptacle; circuit breaker; 2.5 to 8 hours operation on charge; recharges up to 1,500 times; 12 V; 4.4 amps; 6 $\frac{3}{4}$ " x 5" x 1 $\frac{1}{4}$ " .....\$129.99

6B. Features internal cigarette lighter receptacle and wiring; circuit breaker; 2.5 to 8 hours operation on charge; recharges up to 250 times. 12 V; 6.5 amps; 6 $\frac{1}{2}$ " x 4" x 3"; 6 lb .....\$64.99

### Slip-In Battery Packs

For camcorders or portable VCR's.

B-LP-3012. 12 V; replaces Panasonic LCR-3012 and equivalent .....\$64.99

B-LP-80. 12 V; replaces Panasonic BP-80 and equivalent .....\$54.99

B-LP-2012. 12 V; replaces Panasonic LCR-2012 and equivalent .....\$54.99

B-LP-1812. 12 V; replaces Panasonic LCR-1812 and equivalent .....\$49.99

Nickel-cadmium Extra High Capacity batteries.

B-NP-200. 12 V; fits most Hitachi full-size camcorder, RCA 200, Minolta 1100 and 1200, etc. ....\$69.99

B-NP-9. 9.6 V; fits JVC 9U, Panasonic PV-50. ....\$64.99

B-NP-1. 9.6 V; battery fits most VHS-C camcorders .....\$55.99

B-NP-22. 6 V; fits Sony NP-22; Kyocera BAP-100, etc. ....\$35.99

### AD-123 Universal AC Adaptor

Designed to work with any camcorder or portable VCR (matching car-battery cord required); 110 V AC input; 13.8 V DC output at 3 amps (36 watts) for cigarette lighter .....\$44.99

## APATURE PRODUCTS

### Audio/Video Interconnects

High-resolution video monitor and dubbing cable. Features polyethylene dielectric; high-flexibility jacket, and premium gold ends.

2 meter set .....\$24.00

1 meter set .....\$20.00

$\frac{1}{2}$  meter set .....\$18.00

### Linear Digital Synthesized Cable

Silver Litz wire with teflon dielectric and 100% shielding. Features gold-contact RCA plugs. Passes 92,000 megabits of information per second. 1- or 2-meter lengths .....\$50.00

## ARCHER BY RADIO SHACK

### 15-953 Rabbit Multiplying System

VCR multiplying system. Remote controllable system allows VCR viewing on TV not connected to VCR. Features transmitter, receiver, cables and connecting wire. 1 $\frac{3}{4}$  x 6 $\frac{1}{16}$  x 4 in ..\$79.95

15-1954. Additional receiver .....\$39.95

### Cable Converters

15-1285. 60-channel cable-converter with infrared remote control; electronic tuning; digital display; HRC/standard cable switch; full-function remote; remote fine tune; remote on/off; 11 $\frac{1}{2}$  x 2 $\frac{3}{4}$  x 6 $\frac{1}{2}$  in .....\$119.95

15-1281. Cable TV block converter. Tunes mid and super-band cable channels. Converts up to VHF. Fine tuning for PLL tuners. 6 $\frac{1}{2}$  x 2 x 3 $\frac{1}{2}$  in .....\$29.95

### 15-1289 Video Remote Control Extender

Extends range of hand-held video remote controls. 1 $\frac{3}{16}$  x 4 $\frac{1}{8}$  x 3 in .....\$49.95

### 15-1290 Multiple Video Distribution System

Combines signals from antenna/cable television and up to 3 other sources with channel 2, 3, or 4 output. Sends all signals through a single coaxial cable to other TV's. Features remote control; with additional splitters, signals can be distributed to more TV's .....\$49.95

### 15-1117 Amplifier

Inline coax amp for use with TV's, VCR's, or TV antenna. For long cable runs. Amp can be put anywhere in the line; 10 dB gain from 50-900 MHz; DC pass-through is possible .....\$14.95

### 15-1119 VHF/Cable Distribution Amplifier

ONC input, four outputs; 2 $\frac{3}{8}$  x 1 $\frac{3}{8}$  x 4 $\frac{3}{4}$  in .....\$12.95

### 15-1116 VHF/Cable Distribution Amplifier

Features 1 input and 2 outputs. 2 $\frac{3}{8}$  x 1 $\frac{3}{8}$  x 4 $\frac{3}{4}$  in .....\$10.95

### 15-1118 VHF/Cable Booster

Booster amp for use with RF video selector switches, cable converters, VCR's and TV's; 2 $\frac{3}{8}$  x 1 $\frac{3}{8}$  x 4 $\frac{3}{4}$  in .....\$9.95

## ARISTA

### 56-3000 Control Center and Amplifier

For two TV's and VCR; 10-dB amplifier for cable or antenna; electronic switching; one input can go to all outputs; LED's show connections; selects 6 inputs. Isolation 65 dB .....\$199.95

### 20-750 Audio/Video Patch Bay

For inputs and outputs; thirty-two gold-plated jacks on front; cables from and to components connect to rear, short jumper cables connect to jacks in front to route signals .....\$124.95

### 56-3500 TV/VCR Switcher

Allows one program to be recorded while another is viewed; controls four inputs and two outputs; soft-touch switches; LED's indicate signal selection .....\$99.95

### 56-4000 Control Center

Allows one program to be recorded while another is viewed; switches 5 sources to main TV, 5 to remote TV, and 3 sources to VCR .....\$89.95

### 56-5500 Master Video Selector

Allows remote control during recording; allows one program to be recorded while another is



## ACCESSORIES

viewed; connects between TV and VCR; choice of five signals for viewing and three for recording; 75- and 300-ohm inputs; gold knobs .....\$49.95

### Wet Head Cleaners

*Helps remove contaminant build-up along tape path; reduces head wear by removing oxides and lubricants from heads and tape path; with fluid.*

**58-110.** For VHS video recorders and camcorders .....\$16.50  
**58-115.** For Beta video recorders and Betamovie camcorders .....\$16.50  
**58-140.** For 8mm video recorders and camcorders .....\$16.50

### 58-5400 TV/VCR Stereo Simulator

For playing video sound through stereo system; mini plug fits earphone jack on TV's; dual RCA plugs for receiver input jacks .....\$15.95  
**58-5405.** Similar to above except smaller; 6-foot cable .....\$11.95

### 58-190 Videotape Editing Kit

For editing and repairing VHS and Beta videotape (and audio cassette tape); with splicer, video splicing tape, audio splicing tape, two colored leader tapes, and cutter blade .....\$11.95

## ARKON

### Stay Cool Video Light System

*Features 100 W tungsten halogen lamp; compact lightweight design; heat sink for cool operation; tilts/swivels vertically/horizontally; color temperature 3,000° K.*

**AR100AC.** 120 V, 150 W AC video light .....\$79.95  
**AR100AC-DC.** AC video light with DC conversion kit .....\$99.95  
**AC/DC-SET.** AC-DC video light with barn doors and protective filter .....\$129.95  
**AR100DC.** 12 V, 100 W DC video light .....\$69.95  
**AR100DC-PS.** DC Power Set includes AR100DC Stay Cool video light and AR130BP battery pack .....\$149.95  
**AR100DCX-PS.** DC Power Set includes the AR100DC video light, 4-leaf barn doors, protective heat filter, and AR130BP battery .....\$179.95  
**AR100AC-PS.** AC-DC Power Set includes the AR100AC-DC Stay Cool video light and AR130BP battery .....\$169.95  
**JCD/150.** 120 V, 150 W replacement lamp for video light .....\$24.95  
**BRL/50.** 12 V, 50 W replacement lamp .....\$14.95  
**FCR/100.** 12 V, 100 W replacement lamp .....\$14.95

### Accessories

**AR150BP.** 12 V, 4.4 A nickel-cadmium battery with strap and charger .....\$149.95  
**AR130BP.** 12 V, 6.5 A battery with belt and charger .....\$99.95  
**AR100BD.** Stay Cool barn doors .....\$19.95  
**AR100PG.** Stay Cool protective glass .....\$19.95  
**AR100CK.** AC/DC conversion kit .....\$19.95

### Bedroom Ears Cordless Headsets

*Infrared wireless headphones designed for TV viewing.*

**IR300 Solosound.** Stereo headset includes transmitter; receiver; AC adaptor; adaptor for connection to stereo VCR audio output jacks .....\$109.95  
**IR302.** Additional receiver for IR300 .....\$59.95  
**980TRX Videophone.** Includes transmitter; receiver/headset; AC adaptor; headphone- and earphone-to-RCA jack adaptors .....\$79.95  
**950RX.** Additional Videophone receiver/headset .....\$39.95  
**883TRX Wire-Free.** Similar to 980TRX Videophone except infrared receiver is separate from the headset .....\$69.95  
**850RX.** Additional receiver for 883TRX .....\$29.95  
**820MA.** Microphone pickup for Videophone and Wire-Free allows connection to TV's with no headphone or other audio output jack .....\$12.95

## AUDIO COMMAND SYSTEMS

### Command Console 8000A

Control panel that enables user to turn speakers on/off in a room and also to increase or decrease volume .....\$225

### Command Console 8002 Table

Control panel enables user to turn system power on and off; speakers on and off; volume control of speakers in room as well as all speakers in other rooms; control of as many as six audio sources; full transport control of all tape functions including autoreverse; three spare buttons which can be used for either video control or low-voltage lighting .....\$575

**Command Console 8002 Wall.** As above, except installed in a wall .....\$1,250

### Command Console 8003 Wall

As above with nine spares. 3 spares for video control and six for other low-voltage devices .....\$1,495  
**Table.** As above installed in table .....\$1,575

## AVANTI

**3-Unit VCR Care Pak.** Includes head cleaner, dust cover and one VHS T-120 tape .....\$17.95

**2-Unit VCR Care Pak.** As above without VHS T-120 tape .....\$14.95

### Head Cleaners

**VHS Head Cleaner.** Non abrasive. Includes cleaning solution .....\$10.95  
**Beta Head Cleaner.** As above .....\$10.95

## AZDEN

### Wireless Microphone Systems

*Includes microphone, transmitter, and receiver that can receive signals from microphone up to 100 feet away. Receiver attaches to camera or camcorder with shoe mount or velcro. Features choice of two broadcast frequencies (49.830 or 49.890 MHz); monitor earphone; windscreen for mics; leatherette case; uses one 9-V battery.*

**WMS-10 II.** Clip-on electret microphone hard-wired to transmitter. Transmitter 115 grams; receiver 125 grams .....\$150.00  
**WMS-20 II.** Comes with two microphones: hand-held and clip-on. Either plugs into transmitter. Transmitter 115 g; receiver 125 g .....\$175.00  
**WMS-30 II.** Microphone built into transmitter. Transmitter 140 g, receiver 125 g .....\$200.00  
**WM/T-30.** Microphone/transmitter from WMS-30 II system without receiver. 140 g .....\$100.00

## BIB

### BK-1 Video Care System

Contains push-button VCR cleaner, antistatic screen-cleaning fluid, ten sheets of VHS title labels, twenty reuseable record safety tabs .....\$29.95

### VE-1 Camcorder Care Kit

*Portable, lightweight, shock-resistant plastic carrying case contains automatic head cleaner; combination air duster/lens cleaning brush; lens cleaning brush; lens cleaning fluid; 50 sheets of lens-cleaning tissues; soft cloth.*

**VE-1/VHS.** For VHS camcorders .....\$24.95  
**VE-1/C.** For VHS-C camcorders .....\$24.95  
**VE-1/Beta.** For Beta camcorders .....\$24.95  
**VE-1/8mm.** For 8mm camcorders .....\$24.95

### VE-43 8mm Tape-Mending Kit

Tape splicer, tape cutter, and splicing tape in plastic container .....\$22.95

### VE-40 VHS VCR Head Cleaner

One-piece push-button head cleaner automatically applies correct amount of fluid to cleaner. Cleans complete tape travel path .....\$14.95

# Quality Audio For Video

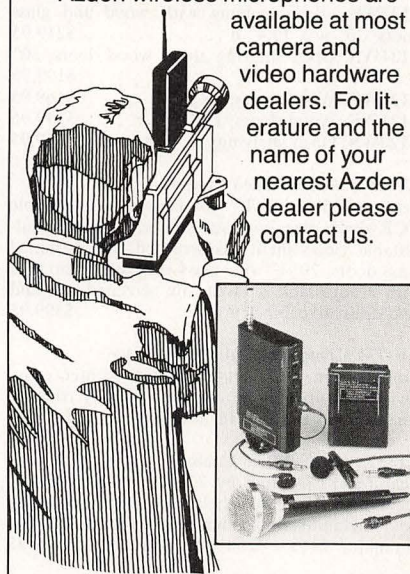


Videographers know the frustration of trying to get great sound when shooting from a distance.

AZDEN wireless microphone systems solve this problem by giving you "up close" sound from a distance of over 100 feet. There are 3 different Azden systems, each one with different microphones but all having the same great performance and the following features:

2 Frequencies (49.83MHz, and 49.89MHz) to choose the cleanest sound—Receiver attaches to camera with professional shoe mount or velcro—monitor earphone—windscreen on all microphones—handsome leatherette carrying case.

Azden wireless microphones are available at most camera and video hardware dealers. For literature and the name of your nearest Azden dealer please contact us.



# AZDEN®

C O R P O R A T I O N

## QUALITY YOU CAN HEAR

147 New Hyde Park Road  
 Franklin Square, NY 11010 (516) 328-7500

CIRCLE NO. 57 ON READER SERVICE CARD



# ACCESSORIES

**VE-46.** VHS-C head cleaner .....\$14.95  
**VE-41.** Beta VCR head cleaner .....\$14.95  
**VE-42.** 8mm head cleaner .....\$16.95

## 8mm Automatic Cleaner

Nonabrasive wet/dry 8mm video cleaner. \$12.95

## VE-44 8mm Lens Care Kit

Lens-cleaning fluid, 50 nonabrasive lens-cleaning tissues, and lens cleaning brush in dust-free storage box .....\$7.95

## VE-45 8mm Title and Label Kit

Easy-peel labels; ten sets (thirty labels total) plus ten index cards for catalog file .....\$4.95

## A-612 "Two-Shot" Audio Head Cleaner

Cleans erase, record/playback heads and complete tape path. Automatically applies correct amount of cleaning fluid .....\$1.79

## BUSH

### Oak Elegants Series

*Units feature softly-shaped 2½" wide solid-oak frames; oak veneers on the sides and tops; multi-step finish with a double lacquer topcoat; brass accents; through-the-glass brass hardware; unique hinging system; bronze-tinted glass doors; concealed fasteners.*

**AV1675.** Full-sized entertainment center holds 27" TV; adjustable shelf; glass-enclosed storage with shelves. 49¼ x 49¾ x 20 in .....\$530

**V1636.** Video center holds most 27" TV's and all 19" TV's; cabinet portholes for TV's with sidefiring speakers; enclosed storage area. 30½ x 50½ x 20 in .....\$360

**V1632.** Compact video cabinet holds up to 27" TV on top shelf. 30½ x 24¼ x 16 in .....\$200

### Furniture Systems Series

*Series includes 2 groups of cabinets, L120 and L130 series, with the L130 series being 4" deeper allowing consumers to create a "breakfront" system. All cabinets stand 72" high, 4 units measure 30" wide and 2 have 20" widths.*

**L139WS.** Wood/glass doors; middle doors open 180° for TV viewing; 30" w x 19.4" d .....\$269.95

**L132WS.** Audio cabinet with wood and glass doors; 20" w x 19.4" d .....\$219.95

**L134WS.** Open shelving above wood doors; 30" w x 19.4" d .....\$199.95

**L124WS.** Wood doors; 15.4" d .....\$169.95

**L121WS.** Wood doors; 15.4" d .....\$149.95

**L123WS.** Open shelving; 15.4" d .....\$149.95

## AV-1375 Audio/Video Center

Features 25" wide TV compartment; adjustable VCR shelf; glass-enclosed storage area with adjustable video shelf; silk-screened, wood-framed glass doors, 20¼"-wide glass-enclosed audio area with 3 adjustable shelves, silk screened oak and oak-laminate cabinetry .....\$399.95

## AV-774 Home Entertainment Center

Combination home entertainment center/room divider features 2 pull drawers. Library oak finish. 49 x 69½ x 15½ in; 180 lbs .....\$259.95

## V1332 Artisan Video Cabinet

Features 19¼" high by 27" wide TV compartment with adjustable shelf and oak-framed glass doors. Hand-stained and finished oak and oak laminates. 28½ x 42¼ x 16½ in .....\$149.95

## V306 Videocassette Storage Cabinet

Locked storage cabinet includes three-tiered shelves inside doors. 23¾ x 30¼ x 115¾ in; 645 lb .....\$149.95

## AV738 Home Entertainment Center

L-shape design; open shelf for TV (up to 26"); safety-tempered glass doors with 3 adjustable

shelves; enclosed storage area; library oak finish. 47" x 35¾" x 15½ in; 93 lb .....\$149.95

## V362 Video Entertainment Center

TV compartment with adjustable shelf accommodates up to 26" set; height-adjustable VCR/accessory shelf and videocassette storage area; glass doors. 28¼ x 44½ x 17¾ in .....\$139.95

## V1330 TV/VCR Cart

Solid oak construction; shelf for VCR; accommodates up to 26" monitor/receiver. 26½ x 26¾ x 16½ in .....\$119.95

## CARTER-CRAFT

### 60-610 Tape Rewinder/Cleaner

For VHS-format tapes. Quickly fast-forwards or rewinds tapes while cleaning them. Includes 4 replacement tape-cleaning bars .....\$53.95

### 46-100 Indoor TV Antenna

Can be rotated and adjusted with built-in control knobs for matching of TV channels and fine signal tuning .....\$29.95

### 60-462G VCR/TV Signal Amplifier

Improves picture by restoring signal lost in most VCR/TV connections .....\$21.95

### 60-354G Dubbing Cable Kit

Kit includes gold-plated cables/adaptors for dubbing between Beta and VHS or between the same format videocassettes .....\$20.45

### 60-357G Stereo/Mono Dubbing Kit

For dubbing from stereo VCR to mono VCR. Features gold-plated, coded plugs for correct input/output .....\$18.95

**60-355G.** For stereo to stereo dubbing ...\$19.10

### Video, Cable TV Workbook

Do-it-yourself hook-up guide for TV, stereo simulated TV, VCR, CDV and other components. Also has instructions for dubbing, camera/camcorders and preventive maintenance .....\$4.95

## CHANNEL MASTER

### 3201 Video Control Center

Facilitates quick switching between video system components. Completely passive. 4 separate inputs, 3 outputs: TV 1, TV 2 and VCR. Gold plated contacts. 7 75-ohm "F" fittings. 8¼ x 5½ x 2¾ in .....\$74.99

### 3362 VCR Dust Cover

Soft vinyl dust cover. Fits most VCR's. Clear front panel; rear panel access .....\$8.99

### 3202 A/B Switch

75-ohm fittings. For manual selection between any two 75-ohm inputs; outdoor antenna, cable, VCR, etc. 75-ohm to TV set. Gold-plated contacts .....\$6.49

**3204.** As above, with two 75-ohm inputs to 300-ohm output .....\$6.49

## COAST

### Coastar VTR-90RA Tripod

"High-boy" video tripod. Built-in quick release; opens to 77" .....\$169.95

### Coastar VC-1505 Camcorder Case

Designed to carry all camcorders and most large video cameras and accessories. Exterior tripod straps. 15¾ x 9 x 9 in .....\$135

### Coastar R-17 Compact Camcorder Tote

Designed to carry all compact camcorders, (both 8mm & VHS-C); holds accessories; shock and scratch protection. 6¾ x 12½ x 5½ in .....\$89

### Coastar R-18 Compact Camcorder Carrybag

Designed for VHS-C and 8mm camcorder use; shock and scratch protection; front storage pocket. 12½ x 8 x 5 in .....\$89

### Coastar R-19 Compact Video Camera Carrybag

Designed to hold all compact video cameras and accessories; top loading; shock and scratch protection. 15 x 7 x 5¾ in .....\$89

### Coastar R-20 Total System Video Carryall

Designed to hold all 8mm or VHS camcorders, Betamovie or VHS videomovie outfits and most video cameras and accessories. 15 x 10 x 8½ in .....\$102

### Coastar R-21 Video Camcorder Carryall

Custom designed to hold 8mm video camcorder systems from Kodak, Kyocera and others of similar size; features shock protection. 15 x 9 x 8 in .....\$99

### Coastar R-777 Custom Video-Pro Case

Designed for all camcorders, VCR's and companion video cameras with accessories; shock and scratch protection. 17 x 10½ x 7¾ in ....\$130

### Coastar R-1200 Compact Video Carryall

Custom designed to hold JVC VHS-C camcorder and others of similar size; shock protection. 11 x 8½ x 4¾ in .....\$89

### Mohawk VM-4000 Twin Pocket Camcorder Case

Designed to carry and store all VHS-C type camcorder outfits; triple laminate waterproof exterior. 12¾ x 7½ x 5½ in .....\$99

### Mohawk VM-4200 Compact Camcorder Carryall

Designed for all 8mm and VHS-C camcorder outfits; triple laminate waterproof exterior. 13½ x 8½ x 6½ in .....\$120

### Mohawk VM-4800 Pro Camcorder Carryall

Designed to carry all VHS cameras and camcorders; shock protection; triple laminate waterproof exterior. 16½ x 9 x 9 in .....\$130

### Coastar VC-1405 Carryall

Twin-pocket video carryall for all low-silhouette camcorders. Features adjustable dividers; two full-gusset front pockets. 15 x 6 x 7¾ in ..\$130

### Coastar VTR-80RA Tripod

Tripod with trapezoidal leg design for stability. Features quick release. Opens to 63", closes to 24" .....\$119.95

### Coastar VC-20 Camcorder Carryall

Holds all camcorders. 15 x 10 x 8¾ in ...\$102

### Tripods

**GT-300** .....\$80

**GT-400** .....\$120

**GT-600** .....\$170

**GT-700** .....\$190

**VTR-50RA** .....\$80

## CWD

### Woodmore Cabinets

*All CWD Woodmore cabinets are handcrafted of select hardwood solids and veneers including natural oak, dark oak, natural American walnut, and black oak, with matching adjustable shelves. All cabinets are modular so they may be used individually, grouped, or stacked to create complete entertainment centers.*

**Magic Lowboy.** Unit conceals set of shelves that can hold a complete A/V system; remote control raises components from base for use. Can be used for stow-away bar, hidden computer center, or grouped for a wall unit. 32" x 47.25" x 19", rises to a height of 53" .....\$2,100 to \$2,400



# ACCESSORIES

**Glass-Lid.** With two adjustable shelves, hinged lid, and casters. 42" x 24" x 19" .... \$415-\$525  
**Lowboy.** With four adjustable shelves and casters. 30" x 47 3/4" x 19" ..... \$415 to \$515  
 42". With three adjustable shelves and casters. 42" x 24" x 19" ..... \$335 to \$445  
**Entertainment Table.** Finished on all four sides; with wood base. 16" x 47 3/4" x 19" \$335 to \$430  
**Smallboy.** With two adjustable shelves and casters. 21" x 47 3/4" x 19" ..... \$335 to \$420  
**Video Cube.** For stacking on top of monitor cart. 30" x 30 1/2" x 19" ..... \$265 to \$345  
 30". With two adjustable shelves and casters. 30" x 24" x 19" ..... \$270 to \$345  
**Monitor Cart.** With one adjustable shelf and casters. 21" x 30 1/2" x 19" ..... \$245 to \$315  
 21". With one adjustable shelf and casters. 21" x 24" x 19" ..... \$220 to \$270

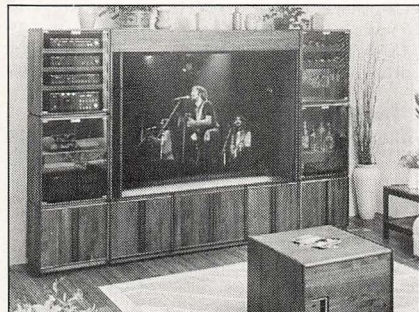
## Optional Doors

Wood or glass doors for all Woodmore cabinets. Glass doors have chrome, black, or gold hardware. Wood doors have 160" concealed European hinges and solid-wood pulls.

**Glass Doors.** ..... \$30 to \$73  
**Wood Doors.** ..... \$90 to \$230  
**Roll Wood Door.** Razor-sliced slats with wood veneer on wood track glide down over cabinet front to conceal components ..... \$160 to \$180  
**Drop Leaf Door.** For use with 21" Woodmore or Woodmore Smallboy ..... \$55 to \$64

## Projection TV Furniture

**Projection Screen Cabinet.** 60" x 78 1/2" x 19" ..... \$835 to \$1,135



**Projector Cover.** Finished on all four sides, with tri-fold door to hide tubes when not in use. 18" x 29 1/2" x 31" ..... \$220 to \$275

## Optional Accessories

**Outlet Strips and Boxes.** Filtered and spike-protected; eight-outlet strip with remote switch; four banks of two isolated outlets ..... \$195  
**Two-Outlet Box.** As above, but lacks switch and has only two outlets ..... \$70  
**Videotape Drawer.** Holds 26 videocassettes; 6 1/8" high ..... \$80 to \$100  
**Wine Accessory.** With solid-wood hanging rails for glasses and bottle racks ..... \$80 to \$96  
**Slide-Out Shelf.** 2 1/2" high; extends 10". . \$72 to \$80  
**Wall-Mount System.** To hang individual cabinets or entertainment centers on any structurally secure wall. Prices start at ..... \$70  
**Slim Cabinet Lights.** With matching wood rail; fixture is 3/4" high; with cord switch. \$40 to \$47  
**Wood Back.** Custom slotting available at additional cost ..... \$32 to \$55  
**Stacking Rails and Bases.** Solid wood stacking rails 3/4" high and bases 1 3/4" high allow individual units to be combined into wall systems. All multi-cabinet bases have leveler brackets and adjustable levelers ..... \$22 to \$130

## DANEFURN

### Video Cabinets

**DFAV 70.** TV/video cabinet with extra shelf.

28 1/4 x 19 3/4 x 21 in. Walnut and black stained ash ..... \$69  
**DFAV 71.** TV/video cabinet with glass and extra shelf. 28 1/4 x 19 3/4 x 21 in. Walnut and black stained ash ..... \$99  
**DFAV 73.** Enclosed TV/video cabinet with double glass doors. 28 1/4 x 19 3/4 x 45 3/4 in. Walnut and black stained ash ..... \$139

## dbx

### DAV-600G Program Route Selector

Rack-mountable audio/video program route selector connects 3 VCR's, 1 VCP, and 3 tape decks (1 audio, 1 video, 1 audio NR). Features pre and post switching; RCA phono jacks ..... \$399

## DISCWASHER

### Cable TV/VCR Adaptor Kit

Contains video head cleaner for VHS VCR's, A-B switch, signal splitter, two 1-meter RF cables, and one 2-meter RF cable. Instruction booklet shows dozens of ways to connect and operate video systems ..... \$34.95

### Gold-ens Connector Cables

Audio/video connector cables designed for ultra-low capacitance and 75-ohm impedance.

2 meter, triple strand ..... \$23.95  
 1 meter, triple strand ..... \$21.95  
 2 meter, double strand ..... \$15.95  
 1 meter, double strand ..... \$13.95

### Wet Video Head Cleaners

Nonabrasive wet cleaning system for VCR's and camcorders. Good for 100 uses.



VHS ..... \$17.95  
 VHS-C ..... \$16.95  
 8mm ..... \$14.95

### Dry Video Head Cleaner

Nonabrasive dry cleaning system for VHS or Beta VCR's. Good for fifty uses ..... \$14.95

## DRAKE

### PRC/U Universal Remote Control

Universal infrared remote control can store three separate commands on each of its 41 function keys. For use with TV's, VCR's, cable converters, CD players or any infrared remote controlled components. Range 30 feet. 2 5/16 x 6 1/2 x 1 1/16 in. .... \$120

## EL MAR

### M-12T Transmitter Receiver

Transmitter and receiver combination for sending VCR signal to TV's other than the one to which

the VCR is connected. Complete system includes one transmitter, one receiver, 100 ft of mini coax and connecting cable ..... \$89.95  
**M-22R.** Additional receiver for expanding M-12T system ..... \$49.95

## FINELINE DISTRIBUTING

All Fineline cabinets have a 3/4" hardwood composite core and an oak or oak veneer finish with a coat of Danish oil and wax. Some cabinets include multi-purpose drawers and slide out shelves.

**Audio + Video Cabinet.** Outside dimensions: 42 1/4 x 49 3/4 x 21". Video section: 38 3/4 x 28 1/2 x 19 1/2". Audio section: 38 3/4 x 19 x 19 1/2" .. \$559

**Tall Video Cabinet.** Outside dimensions: 42 1/4 x 30 x 21 in. Inside dimensions: 38 3/4 w x 28 1/2 h x 19 1/2" d ..... \$329

**Short Video Cabinet.** Outside dimensions: 21 1/4 x 30 x 21 in. Inside dimensions: 17 3/4 w x 28 1/2 h x 19 1/2" d ..... \$295

## FUJI

**BCL-10.** Beta head cleaner ..... \$14.79  
**VCL-10.** VHS head cleaner ..... \$14.79  
**8CL-10.** 8mm head cleaner ..... \$14.95

## GALAXY INDUSTRIES

### Spectrum 3000 TV Projection System

Designed to work in conjunction with a portable solid-state TV to produce a larger picture. Features Macrocoma lens; a wood base to hold TV. Optional 60" screen ..... \$299.95

## GE

### 1CVA436 Character Generator

To create and record titles on tapes. 8-page title memory, 4 sizes, 72 characters, stopwatch, scroll ..... \$250

### 1CVA430B AC Adaptor/Charger

AC adaptor can be used to power camcorder directly from 120 volt AC source. May also be used to recharge 1CVA125 battery pack; also provides connections to TV ..... \$150

### 1TPD340 Tripod

Extends to 60 inches and provides support for video cameras. Controls for panning/tilt .. \$150

### 1CVA550 CATV Adaptor

Enables VCR or tuner to receive and play back both regular and pay TV cable programs. All electronic switching ..... \$140

### C600 Control Central

Handheld programmable remote transmitter will operate up to 4 infrared audio/video of most brands or manufacturers. Unit is capable of learning the infrared codes of other transmitters and become the single control center ..... \$130  
**RRC500.** Similar to above but has LED display and operates 3 units ..... \$100

### 1CVA410 AC Adaptor/Recharger

For GE camcorder power from AC source; recharges 1CVA125 battery pack ..... \$100

### 1CVA248 Camcorder Carrying Case

Rigid case with internal foam padding for camcorder and accessories ..... \$100  
**1CVA255.** Similar to above ..... \$100

### 1CVA490 Cassette Adaptor

Full sized cassette adaptor makes VHS-C recordings compatible for use in any VHS VCR .. \$70

### 1CVA505 Power Supply

Camera power supply for use with GE camera and tabletop VCR's ..... \$65



# ACCESSORIES

## 1CVA305 Car Cord

DC power from any 12 volt car battery to camcorder; plugs into vehicle cigarette lighter socket; 16 ft. cord .....\$55.00

## 1CVA145 Battery Pack

Rechargeable battery pack provides up to 1 hour operation of camcorder ..... \$45

**1CVA125.** Similar to above but has 2 hour capability .....\$45.00

## GENEVA GROUP

### PF-330 Entertainment Control Center

Allows remote-controlled switching between 3 TV's, cable, antenna, VCR .....\$100.00

### PF-211 Videotape Bulk Eraser

Restores videotape to original blank state by rubbing unit over tape. Improves quality of re-recordings. 2,300-gauss flux intensity; auto shut-off prevents burn-out; micro-switch control; rugged Lexan housing .....\$59.95

### PF-313 Professional Splicing Blocks

Grooved silver or gold anodized aluminum splicing blocks with 2 deep slits for straight and diagonal cuts; includes double-backed adhesive and stainless-steel cutting blade. For 1/2-inch video and audio tapes .....\$35.00

### PF-850 Antenna Switching Kit

Antenna/cable TV switching kit provides for switching between 2 inputs and 2 outputs .. \$25

### VCR-300 Dustcover

100% cotton duck breathes, lets heat escape. Neutral tan with brown fabric trim; heavy-duty vinyl window over control panel .....\$14.95

### VCR Maintenance Products

**VCR-50.** Deluxe video recorder care kit includes 10 oz Super Blast spray; 16 oz tape head cleaner spray; antistatic dustcloth; 25 cellular foam swabs; disposable wipers .....\$39.95

**VCR-205.** Head demagnetizer with angled tip; removes residual magnetism from heads, rollers, guides .....\$39.95

**VCR-130.** Drop-in VCR head cleaning cassette for VHS format. Removes dirt, smoke, and oxide debris from entire tape path. Nonabrasive, wet system provides up to 52 cleanings. Spun-bonded pure polyester cleaning tape consists of tiny cross weave pockets; pure freon spray cleans all critical areas without residue .....\$29.95

**VCR-135.** As above except Beta format .. \$29.95

**PF-350.** 8mm-format video head cleaner .. \$29.99

**PF-360.** VHS-C-format head cleaner .... \$29.95

**VCR-95.** VCR maintenance kit includes spray head cleaner; 15 cellular foam swabs; antistatic dustcloth; screwdriver to remove headcover screws; 3 oz pure freon spray head cleaner; instructions .....\$21.40

**VCR-109.** High-velocity jet air stream Super Blast spray cleaner eliminates loose tape oxide, dirt, dust; 10 oz .....\$7.20

## GOLDEN IMAGE BY XYJ INTERNATIONAL

### OK-33 Videotape Rewinder

For VHS or Beta tapes; equipped with anti-tape-twist device; rewind and fast forward; spare cleaning bars included; AC adaptor included; LED indicator; 3-digit counter .....\$39.95

## GUSDORF

### 2655 Entertainment Center

Features genuine hardwood solids; holds 19-27" TV, VCR and audio system; tempered safety glass doors; two adjustable shelves; magnetically-secured doors; shelf in video section for VCR

with 19" TV or may be removed to accommodate larger sets; light oak finish. 53 3/8 x 46 x 16 3/4 in .....\$340.00  
**2755.** As above with dark oak finish ....\$340.00

### 2635 Hi-Boy Video Cabinet

Features genuine hardwood solids; holds 19-27" TV on top, VCR and accessories inside; tempered glass doors; interior shelf adjusts in 1 1/4" increments; oak finish. 29 1/8 x 32 x 17 in ....\$180.00  
**2735.** As above with dark oak finish; wood doors .....\$180.00

### 2625 Deluxe Video Cabinet

Features genuine hardwood solids; holds 19-27" TV on top, VCR and accessories inside; tempered safety glass doors with magnetic catches; interior shelf; light oak finish. 29 x 19 x 17 in ....\$140.00  
**2725.** As above with dark oak finish; wood doors .....\$140.00

### 5540 Entertainment Center

Features sculpted corners; wood-finish door handles; adjustable shelves; tempered safety-glass door; slip-in compartment for either a 19" or compact 25" television; VCR and cable box shelf; sectional storage area; rear ventilation panels; wire organizers; removable record dividers. Oak finish .....\$299.95

### 4450 Deluxe Entertainment Center

Finished in oak, it will accommodate 19-26" TV. Audio section features push-to-open tempered safety-glass door and two adjustable shelves. Both lower cabinets also have push-to-open doors. 46 3/8 x 46 x 15 1/16 in .....\$199.95

### 5535 Video Cabinet

Video cabinet with swivel feature that allows rotation from the base. Features oak surface; sculpted corners; space for either a 19" or compact 25" television; pull-out top shelf; videocassette organizer; a drawer for accessories; rear ventilation panels. 45 1/4 x 27 x 15 3/4 in .....\$159.95

## HERVIC

### 34-300 Video Camera Bag

Carry bag for video camera/VCR together. Room for lights and cables. Features two carrying handles, wrap-around shoulder strap, expandable pockets; lifetime warranty. Available in black, tan, blue, gray. 16 1/2 x 13 x 9 in; 4 lb .....\$119.95

**34-307 Camcorder Bag.** As above but for camcorder. 17 x 9 1/2 x 7 in; 3.25 lb .....\$109.95

### 34-306 Camcorder Bag

Accommodates almost all camcorders and video cameras. Features closed cell foam padding; tear resistant; water repellent; expandable pockets; velcro see-through pocket; two carrying handles; shoulder strap; bottom and side trim finished in tire-tread vinyl. 17 x 9 1/2 x 7 in .....\$105.95

### 34-308 Camcorder Bag

Designed for 8mm and other camcorders. Features two expandable exterior compartments; room for extra equipment and cassettes; water repellent; tear resistant; closed cell foam padding; tire-tread vinyl bottom and trim. 14 1/2 x 9 x 6 1/2 in .....\$99.95

### 34-309 Small Camcorder Bag

Designed for smaller camcorders (JVC GR-C7, Zenith VM-6200, etc.). Same features as above, light blue. 12 3/4 x 7 x 5 in .....\$59.95

## INNOVATIVE CONCEPTS

### Protection Plus Storage Cases

Storage case for VHS and Beta videocassettes. Locking mechanism provides dust-free environ-

ment. Made of extra-durable plastic with lifetime warranty against cracking. Approved for mailing by US and Canadian postal services. Available in black, brown, cream .....\$2.45

## INTRACLEAN BY A.R.T.

### Video Recorder Cleaners

*Nonabrasive cleaning band uses strong nonalcohol cleaning solution to clean heads, capstan, pinch roller, and tape guides.*

**V-311.** For VHS format; includes 1/2-oz bottle of V-301 Video Cleaning Solution .....\$29.95

**V-321.** For Beta format .....\$29.95

**V-331.** For 8mm format .....\$29.95

## JVC

### XS-C3587 TV Table with Speakers

Two-way coaxial speakers built into TV table; maximum input 30 watts per channel; one-year in-home service warranty, one-year warranty on all parts. Frequency response 50-20,000 Hz. Shipping weight 75 lb .....\$429.00

### CFT-21 Television Cart

For 19" and 20" televisions; with two shelves and casters. 45 lb .....\$99.95

**CFT-27.** Similar to above except designed for 25" and 26" televisions. 55 lb .....\$99.95

### RK-V330WD TV Table

For 25" and 26" televisions. 42 lb .....\$99.00

### TCL-2 VHS VCR Head Cleaner

Same shape as ordinary VHS cassette; works in 15 seconds; can be used up to 200 times ..\$7.95  
**TCC-2.** Similar to above except for VHS-C transperts; for use up to 100 times .....\$7.95

### C-P5U VHS-C Cassette Adaptor

Allows VHS-C tapes to be played in VHS VCR's .....\$55.00

## KALIMAR

### K-482 Video III Tripod

Tripod features fluid head, level indicator, and bracket for movie light. Legs set up easily with Kalimar flip lock system. All metal construction. Size (closed) 27 1/2 in; 7.5 lb .....\$299.95

### K-483 Video II Tripod

Tripod with heavy tubular legs and brace. Pan-head is spring-loaded 3-way, 3-stop with 3 handles. Features geared elevator; aluminum and steel construction; height extension 65 in; size closed 25 3/4 in; 7.5 lb .....\$229.95

### K-3054 High Tech RC Case

Designed for camcorders. Features reinforced cyclac molded curved exterior trim guards for shock proofing; high density diced foam interior; heavy duty straps; twin key locks. 21 x 8 x 17 1/2 in; 9 lb .....\$189.95

**K-3052.** As above, smaller. 18 x 7 1/2 x 13 1/2 in; 7 lb, 1 oz .....\$129.95

### VX-9000 Molded Case

Designed for newer compact video systems. Features die injected high impact ABS plastic molding exterior; hide-away handle; multi-layered, high density diced foam interior; seals shut. 16 1/2 x 11 1/2 x 7 1/2 in; 4 lb, 8 oz .....\$139.95

### K-486 Video 1 Tripod

Tripod with channel-locked legs and brace; pan-head is spring loaded 3-way, 3-stop; elevator is geared; height extension is 60"; closed 22"; 4.5 lb .....\$129.95

### K-352 Video Light

Light attaches easily to any video camera; plugs



# ACCESSORIES

into AC outlet; 250-W bulb with adjustable barn doors for maximum control over lighting design. Approx 175 hours of use per bulb. . . . . \$89.95

## K-2242 Video Master Bag

Multi-function bag holds any camcorder securely in place. Features partitions for battery pack and compartment for extra battery or video tapes. Outside pockets for accessories. 16½ x 8½ x 10½ in. . . . . \$79.95

## Video Mini Bag

As above, but designed for VHS-C and 8mm camcorders. Available in silver, black, blue or black rama. . . . . \$64.95

## Auxiliary Camcorder Lens Sets

**K-171.** Telephoto lens set for 8mm camcorder. . . . . \$69.95  
**K-172.** Wide-angle lens set for 8mm camcorder. . . . . \$69.95  
**K-173.** Telephoto lens set for VHS-C camcorder. . . . . \$69.95  
**K-174.** Wide-angle lens set for VHS-C camcorder. . . . . \$69.95

## LASER BY SWIRE MAGNETICS

### Wet System Head Cleaner

To clean Beta or VHS heads. . . . . \$9.99

## LENMAR

### Lenmar Camcorder Lenses

**VWT-24.** Auto-focus 2 lens set. Includes 1.5x telephoto and 0.6x wide angle lens. Features 3-element optical glass; lens hood; 46mm threads with 49mm and 52mm adaptor rings. . . . . \$159.95  
**VTAF-20.** Video 2.0x telephoto lens. Features 52mm threads with 49mm and 46mm adaptor rings. Auto focus with AF camcorders. . . . . \$129.95  
**VWAF-60.** 0.6x wide angle lens. 46mm threads with 49mm and 52mm adaptor rings; lens hood. Auto focus with all AF camcorders. . . . . \$99.95  
**VSAF-42.** 0.42x fish-eye lens. Features 46mm threads with 49mm and 52mm adaptor rings. Auto focus with all AF camcorders. . . . . \$89.95  
**SW-813.** Deluxe semi-fisheye (0.42x) lens. Uses SW-7 rings. . . . . \$69.95  
**SW-7.** Rings 46, 49, 52, 55, 58, or 62mm. . . . . \$3.95  
**VLH-170.** Telephoto lens for Sony HandyCam. 1.7x magnification; optical glass. . . . . \$99.95  
**VWAH-050.** Wide-angle lens for Sony HandyCam. 0.5x magnification; optical glass. . . . . \$99.95

### Lenmar Video Lights

**VAL-250.** 250-W automatic AC video light with adjustable wide-spot and bounce. Automatically senses and controls light intensity; manual/auto mode; glass filter; halogen lamp. . . . . \$159.95  
**VL-1500.** 150-W AC and 100-W DC Stay Cool compact video light. Includes 2 quartz lamps; lamp changing tool; AC cord and DC adaptor; swivel base; tripod socket. . . . . \$99.95  
**BD-1.** Barn doors for VL-1500. . . . . \$17.95  
**FK-1.** Heat-resistant glass filter for VL-1500. . . . . \$13.95  
**JCD.** Replacement 150-W AC lamp for VL-1500. . . . . \$23.95  
**FCR.** Replacement 150-W DC lamp for VL-1500. . . . . \$13.95

### Takara Fluid-Head Video Tripods

**FHV-26.** 26mm close-channel legs; center brace; quick-release; black; video guide pin. . . . . \$119.95  
**FHV-22.** As above with 22mm close-channel legs. . . . . \$99.95  
**CHV-22.** Same as FHV-22 with fluid-effect head. . . . . \$69.95

### Carrymate Aluminum Camcorder Cases

**CM-1838.** 18 x 13 x 8 in; diced foam cushioning; black. . . . . \$104.95

**CM-1837B.** 18 x 13 x 7 in; dividers; black \$109.95  
**CM-1837S.** As above in silver. . . . . \$109.95  
**CM-1627.** 16 x 12 x 7 in; dividers; black \$104.95  
**CM-1316.** 13 x 11 x 6 in; dividers; black \$104.95

### Lenmar Video Cleaning Systems

**VCH-1.** VHS nonabrasive wet/dry system with spunbound polyester tape; rotating fluid applicator; cleaning solution. . . . . \$11.95  
**VCH-2.** As above for Beta format. . . . . \$11.95  
**VC-8.** As above for 8mm format. . . . . \$14.95

## LOWE

### Silhouette Camcorder Carrying Cases

**Maxi Vidcam.** Soft case features rigid polypropylene bottom; bellows front pocket; mesh pocket inside top lid; padded top lid with Fastex buckle closure. Constructed of heavy-duty Endura nylon. Interior dimensions: 15½" wide x 5" deep x 8" high. . . . . \$90



**Mini Vidcam.** Smaller version of above designed for most compact VHS and 8mm camcorders. Exterior dimensions: 13" w x 5" d x 9¾" h. \$70

## MAGNAVOX BY NAP

### VCR Accessories

**V80073BK.** Character generator. . . . . \$250  
**V80071BK.** RF adaptor. . . . . \$150  
**AR8219BK.** Hard carry case. . . . . \$150  
**AR8226BK.** VHS-C hard carry case. . . . . \$130  
**V80040BK.** Plug-in AC adaptor. . . . . \$130  
**V80074BK.** VHS-C AC adaptor. . . . . \$110  
**V80056BK.** Tripod. . . . . \$110  
**AR8217BK.** Soft carry case. . . . . \$70  
**V80077BK.** VHS-C cassette adaptor. . . . . \$65  
**V80039BK.** Battery. . . . . \$65  
**AR8228BK.** VHS-C soft carry case. . . . . \$62  
**V80075BK.** VHS-C RF adaptor. . . . . \$60  
**V80076BK.** VHS-C battery. . . . . \$55  
**V80079BK.** VHS-C car cord. . . . . \$50  
**V80057BK.** Tripod case. . . . . \$30  
**AK9053BK.** Chestbrace. . . . . \$20  
**V80041BK.** Car cord. . . . . \$20  
**V80072BK.** Pause remote control. . . . . \$9  
**AR8398BK.** T-20 VHS-C tape. . . . . \$8  
**AR8397BK.** T-120 tape. . . . . \$6

## MAXELL

### Maxell Video Starter System

Video starter kit containing 1 Maxell standard videocassette, 1 Maxell HGX videocassette, 1 Maxell video tape handbook, 1 wet-type head cleaner, and 1 dust cover. . . . . \$49.95

## MEMOREX BY MEMTEK

### Gold Series Video Accessories

Features gold-plated connectors for maximum electrical conductivity and corrosion resistance.

**10 dB Four Output Amplifier.** Designed to amplify video signals and improve picture quality. Connects to coaxial television cable wherever an AC outlet is available. . . . . \$19.99

**TV Signal Booster.** Designed to amplify video signals and improve picture quality. Connects to coaxial television cable wherever an AC outlet is available. . . . . \$17.99

**10 dB Amplifier.** Designed to boost signal and improve reception of any VHF or cable television channel. . . . . \$14.99

**Double Pair Stereo Cable.** Designed for convenient input and output of audio/video connections. Features 4 molded together cables; color-coded plugs; stranded pure copper conductors. 6-foot length. . . . . \$11.99

**Video F-Type Coaxial Cable.** Designed for connecting a videocassette recorder to a television or other video devices. Features professional quality 95% shielding. 3-, 6-, 12-, 24-foot lengths. . . . . \$9.99

**Video Selector Switch.** Allows the selection of up to 3 video inputs. Features 3 inputs; 1 output; coaxial design. . . . . \$7.99

**Signal Separator.** Separates one 75-ohm television antenna signal into three distinct bands (VHF, UHF, FM). . . . . \$4.99

**75-Ohm Terminator.** Designed to plug into unused outputs of video equipment such as amplifiers and splitters. Helps to prevent ghosts and reflections. . . . . \$1.99

### Video Accessories

**VHS Wet Head Cleaner.** Nonabrasive wet head cleaner for VHS VCR's. . . . . \$15.99

**Stereo VHS Dubbing Cable.** For dubbing between 2 stereo or Hi-Fi VCRs. . . . . \$15.99

**VHS Dubbing Cable.** Individual audio and video cables for dubbing between two videocassette recorders. . . . . \$11.99

**Connecting Cable.** Cable for connection between a VCR and audio system. . . . . \$7.99

**Small VCR Dustcover.** Designed to keep dust from videocassette mechanism. . . . . \$5.99

**4-Way Splitter.** Designed for interference-free distribution of antenna, cable or videocassette signals with up to 4 destinations. . . . . \$4.99

**"F" Connectors.** Crimp-free "F" connectors. Pack of 4. . . . . \$4.49

**2-Way Splitter.** Designed for interference-free distribution of antenna, cable or videocassette signals with up to 2 destinations. . . . . \$3.99

**Video Label Set.** For identification of video recordings. Includes ten easy peel on/off labels for both cassette face and spine. . . . . \$1.99

**Videocassette Storage Case.** Improved compact Safeguard videocassette storage case with a locking mechanism for maximum protection against dust. . . . . \$1.99

## NADY SYSTEMS

### 49 VR Wireless Microphone System

Wireless microphone system for video cameras. Features microphone/transmitter and miniature receiver. Effective operating range of 100 feet.

**151 VR/LR.** VHF video camera wireless micro-

## PRICES LISTED

are manufacturers' suggested retail prices  
 (also referred to as list prices);  
 actual selling prices are set by individual dealers.  
 All prices are subject to change without notice.



# ACCESSORIES

phone system .....\$199.95  
Lavalier clip-on microphone and transmitter bodypack .....\$159.95

## NILES AUDIO

### VSA-5 Audio/Video Patching System

Active 5 x 5 audio/video patching system. Simplifies recording, playback and dubbing activities; features separate audio and video switching. FR 20-20,000 Hz; S/N 90 dB; THD 0.01%; imp 10 k ohms; video input imp 75 ohm  $\pm$  1%. 19 x 3 $\frac{3}{4}$  x 7 $\frac{3}{8}$  in; 6.33 lb .....\$400

### VDA-6 Video Distribution Amplifier

6-output video distribution amplifier designed to distribute a single video source to multiple destinations. Features buffer circuits to ensure that source signal reaches all destinations without degradation. All circuits are coupled. 8 $\frac{1}{8}$  x 2 $\frac{1}{2}$  x 3 $\frac{1}{16}$  in .....\$180

### VSA-1 Direct Video/Stereo Audio Patch

Passive video/audio matrix switcher for connection of satellite and video components. Patches both direct video and stereo audio signals. Permits dubbing, monitoring, and signal processing. Has connections for up to 4 components plus connections for a video monitor and a Hi-Fi auxiliary input. Features 65-dB isolation; no active components to degrade signal quality; 100% PC board construction (no hand wiring); RCA phono jacks for connections. 16 $\frac{1}{2}$  x 1 $\frac{3}{4}$  x 9 in; 3 lb .....\$160

## ONKYO

### RC-AV1M Universal Remote Control

Audio/video universal remote control can be programmed to operate a variety of video (VCR's, TV's, cable boxes) and audio components with infrared remote capabilities. Learns the remote operations of a variety of components and can store more than 100 different functions into memory. Control codes for Onkyo products already programmed in. Uses 4 AAA batteries. 7 $\frac{1}{16}$  x 2 $\frac{7}{8}$  x 1 $\frac{1}{4}$  in .....\$119.95

## ORA

### VL255X Telephoto Conversion Lens

Telephoto lens designed for use on most 8mm, VHS-C, and VHS camcorders. Features lightweight construction; all glass lenses; lens shade;



three adaptor rings; protective lens case. Lens adapts to existing lens and increases image 2.55 times .....\$399

### VL15X07X Wide Angle and Telephoto Lens Kit

Designed for use on most 8mm, VHS-C and VHS camcorders. Features all glass, protective coated lens; one 1.5x telephoto lens; one .7x wide angle

lens; protective lens caps; two adaptor rings; two leather cases for protection of each lens ...\$189

### RFM1 RF Modulator

RF modulator for videocassette recorders and computers .....\$60

### VS2 Switcher

Video/audio switcher .....\$50

### K2-P Videocassette Rewinder

Rewind a cassette while viewing another ...\$44

### TAG-135 Stereo Simulator

Stereo simulator module with 6-ft stereo cord and adaptor cord. Works with stereo system and TV/VCR to simulate stereo .....\$10

### Cleaning Products

8MM500. 8mm video head cleaner and fluid .....\$17.95

VHS-500. VHS video head cleaner. Nonabrasive .....\$9

BTH500. Beta head cleaner and fluid .....\$9

VCK122. Videotape repair kit for VHS and Beta tapes .....\$6.40

VCC2420. Dust cover for front-loading videocassette recorders .....\$5.20

VCC2410. Dust cover for top-loading VCR...\$5

DML019. Clean-O-Tip cleaning swabs .....\$1.60

### Production Accessories

DUB-S6. Ultra-shielded stereo/video dubbing kit. Heavy duty coaxial cables; left/right color coding; 6 ft .....\$18.60

SQGDUB6. Super quality stereo/video dubbing kit, 6 ft .....\$7.20

SQG623. Stereo to mono dub cable, 6 ft ..\$6.90

US-1. 1 ft. RCA to RCA dual U.S. cable; gold-plated terminals; strain-relieved; copper braiding .....\$8.50

US-3. As above, 3 ft .....\$9.08

US-6. As above, 6 ft .....\$10.40

US-12. As above, 12 ft .....\$13.20

UFP-3. 3 ft. F to F push-on U.S. cable; reduces interference during reception; gold-plated; strain relievers; copper braiding .....\$6.80

UFP-6. As above, 6 ft .....\$8.50

UFP-9. As above, 9 ft .....\$10.50

UFG-3. 3 ft. F to F ultra-shielded cable; gold-plated; strain-relieved; screw-on connectors; molded solder joints .....\$6.60

UFG-6. As above, 6 ft .....\$8.40

UFG-9. As above, 9 ft .....\$10.20

UFG-12. As above, 12 ft .....\$12

URG-3. 3 ft. RCA to RCA single U.S. cable; gold-plated; strain-relieved; low signal loss and crosstalk .....\$6.40

URG-6. As above, 6 ft .....\$8.20

URG-9. As above, 9 ft .....\$10

URG-12. As above, 12 ft .....\$10.80

CC625-33. 10 pin VHS camera extension cable, 33 ft .....\$56.95

CC515-16. As above, 16 ft .....\$40.95

DC3/12. Car Cord for VHS camcorders ..\$19.70

DC76. Car Cord for portable VCR; 3mm ...\$9

WMA15C. 3.5mm stereo 15 ft coiled extension cord .....\$4.80

## ORTOFON

### VC-030 Video Maintenance Kit

Cleaning system for VHS VCRs. Cleans entire tape path. Contains cleaning cassette, cleaning fluid, and anti-static screen cleaner .....\$24.95

VC-031. As above for Beta VCRs .....\$25.95

VC-032. Screen-cleaning cloth; fluid .....\$6.50

## O'SULLIVAN

### 79680 Entertainment Center

Features solid-oak frames with oak-laminate finish; tempered glass door; 3 adjustable or remov-

able component shelves; 26" TV space/VCR shelf for smaller TV; 2 oak drawers; casters. 45 x 20 $\frac{3}{4}$  x 49 $\frac{1}{8}$  in .....\$299.95

### 9030 Entertainment Center

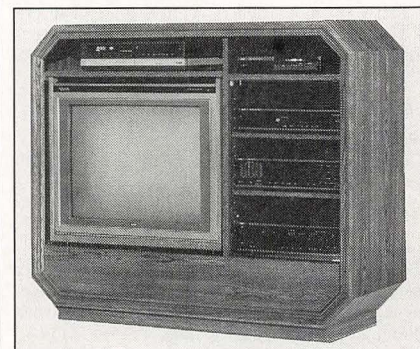
Features glossy black-Formica high-pressure laminate finish; tempered glass door; 2 adjustable shelves; 1 pull-out turntable shelf; 26" TV space/VCR shelf for smaller TV; lower storage area behind twin double doors; cast-metal door pulls. 47 x 15 $\frac{1}{4}$  x 48 $\frac{1}{4}$  in .....\$279.95

### 79638 Entertainment Center

Solid-oak frames and doors finished in oak laminates. Television shelf for most larger TV's; top shelf; component area with an adjustable shelf; storage area. 67 x 16 $\frac{1}{2}$  x 48 $\frac{3}{4}$  in .....\$259.95

### 79580 Entertainment Center

Features symmetrical-styled sculptured wrap-around rail, finished in registry oak laminates; 2 adjustable component shelves; VCR shelf; 27"



TV area; tempered glass door; brass-finish hardware; 2 lower storage drawers; cam-lock construction. 41 $\frac{3}{4}$  x 16 $\frac{7}{8}$  x 50 $\frac{5}{8}$  in ....\$249.95

### 79480 Entertainment Center

Features sculptured rails and round edge design with brass finished accents; 2 adjustable or removable component shelves behind glass tempered door; adjustable VCR shelf; 27" TV area; 2 lower storage drawers with woodgrain laminate inserts. 43 $\frac{1}{4}$  x 15 $\frac{5}{8}$  x 49 in .....\$199.95

### 74180 Video Etagere

Features colonial oak laminates with twin, tempered glass doors; 6 adjustable or removable shelves; VCR shelf; 27" TV area; 2 lower storage drawers with brass-finish door pulls and woodgrain laminate inserts; beveled front; cam-lock construction. 46 x 19 $\frac{7}{8}$  x 47 $\frac{5}{8}$  in .....\$199.95

### 74660 Audio/Video Cabinet Set

Audio cabinet features 2 adjustable or removable shelves; tempered glass door; solid-oak frame; lower storage drawer; casters. TV/VCR cabinet features solid-oak-framing storage drawers with solid-oak fronts; 26" TV area; adjustable shelf; casters. Audio cabinet: 45 x 20 $\frac{3}{4}$  x 21 $\frac{7}{8}$  in. Video cabinet: 45 x 20 $\frac{3}{4}$  x 29 $\frac{1}{2}$  in ..\$179.95/both

### 74540 TV/VCR Cabinet

Symmetrical design with oak-laminate finish. 27" TV area; VCR shelf; lower storage drawer; wrap-around sculptured rail; cam-lock construction. 41 $\frac{3}{4}$  x 16 $\frac{7}{8}$  x 32 $\frac{3}{4}$  in .....\$179.95

### 79381 Entertainment Center

Colonial oak-laminated A/V center with tempered glass door. 2 adjustable component shelves; large TV and VCR area; 4 lower storage drawers; round edges. 48 $\frac{1}{4}$  x 15 $\frac{5}{8}$  x 47 in .....\$169.95

### 79236 Entertainment Center

Colonial oak laminates with solid-oak door/drawer pulls. Accepts most 19" TV's; vein-lined



# ACCESSORIES

door over lower storage area; lower drawer; 1 adjustable or removable component shelf; 1 top and 1 middle, full-width shelf. 69 x 14<sup>3</sup>/<sub>4</sub> x 48<sup>1</sup>/<sub>2</sub> in. ....\$169.95

## 79138 Entertainment Center

Country oak laminates with solid-oak door pull. TV shelf for most 19" TVs; 4 shelves; lower storage area. 67 x 15<sup>1</sup>/<sub>2</sub> x 49<sup>1</sup>/<sub>4</sub> in. ....\$159.95

## 74440 TV/VCR Cabinet

Oak laminates with round-edge design. TV area for most 27" TVs; 1 adjustable VCR shelf; lower storage drawer with brass rails and door pulls; woodgrain laminate inserts; cam-lock construction. 43<sup>1</sup>/<sub>4</sub> x 15<sup>5</sup>/<sub>8</sub> x 30<sup>5</sup>/<sub>8</sub> in. ....\$149.95

## 79037 Entertainment Center

Country oak-laminate finish with rounded-rail door pull and top rail. Accommodates larger TV's; lower storage area; 5 shelves. 66<sup>1</sup>/<sub>2</sub> x 14<sup>3</sup>/<sub>4</sub> x 48<sup>1</sup>/<sub>2</sub> in. ....\$129.95

## 79020 Entertainment Center

Finished in white laminates with an adjustable or removable VCR shelf. Twin component shelves; pull-out turntable shelf; spacious TV area; tempered glass door; twin-door storage area. 47<sup>1</sup>/<sub>4</sub> x 15<sup>1</sup>/<sub>2</sub> x 47<sup>7</sup>/<sub>8</sub> in. ....\$159.95

## 79980 Entertainment Center

Colonial oak-laminate finish with adjustable VCR shelf. Large TV area and adjustable component shelving; tempered glass door; twin double-door storage area. 47<sup>1</sup>/<sub>4</sub> x 15<sup>1</sup>/<sub>2</sub> x 48<sup>1</sup>/<sub>8</sub> in. ....\$149.95

## 79080 Entertainment Center

Finished in bartonwood vinyl laminates with 3 adjustable component shelves; TV shelf for most 19" TVs; VCR shelf; vein-lined doors for storage area. 47<sup>1</sup>/<sub>4</sub> x 15<sup>3</sup>/<sub>4</sub> x 48 in. ....\$139.95

## 74550 TV/VCR Cabinet

Finished in bartonwood grain laminates with beveled top shelf. Adjustable VCR and TV shelves; twin door storage area; dual-wheel casters. 41<sup>1</sup>/<sub>4</sub> x 20 x 28<sup>1</sup>/<sub>8</sub> in. ....\$109.95

## 74228 TV/VCR Cabinet

Colonial oak-laminate finish with solid-oak pulls on vein-lined doors in storage compartment. Large TV area; black pebble-grain component shelving; tempered glass door. 31<sup>1</sup>/<sub>2</sub> x 15<sup>5</sup>/<sub>8</sub> x 46<sup>5</sup>/<sub>8</sub> in. ....\$109.95

## 79018 Entertainment Center

Finished in bartonwood laminates with adjustable component shelf and concealed storage area. TV area for most 19" TVs; bottom VCR shelf; solid wood door pulls; tempered glass doors; 40<sup>3</sup>/<sub>4</sub> x 15<sup>1</sup>/<sub>8</sub> x 47<sup>1</sup>/<sub>8</sub> in. ....\$108.95

## 74635 TV/VCR Cabinet

Solid oak frames and doors with oak laminate finish. Designed for most 26" TVs; VCR shelf; twin door storage area; casters. 28<sup>1</sup>/<sub>2</sub> x 15<sup>3</sup>/<sub>4</sub> x 26<sup>3</sup>/<sub>8</sub> in. ....\$107.95

## 74311 TV/VCR Cabinet

Colonial oak-laminate finish with rounded-edge design. twin door storage area; VCR shelf; TV shelf. 26<sup>3</sup>/<sub>4</sub> x 15<sup>1</sup>/<sub>2</sub> x 29<sup>1</sup>/<sub>2</sub> in. ....\$89.95

## 74210 Utility Cart

TV/VCR stand for 19" TV; twin vein-line doors for storage area; dual-wheel casters. 29 x 15<sup>3</sup>/<sub>4</sub> x 27<sup>7</sup>/<sub>8</sub> in. ....\$79.95

## 74100 TV/VCR Cabinet

Pull-out video shelf with vein-lined twin door storage area. Top shelf for most 19" TVs; dual-wheel casters. 25<sup>1</sup>/<sub>2</sub> x 15<sup>3</sup>/<sub>4</sub> x 28<sup>1</sup>/<sub>4</sub> in. ....\$74.95

## 74011 TV/VCR Cabinet

Finished in bartonwood laminates with retractable VCR shelf. Top shelf for most TV's; storage area behind double doors; casters. 25<sup>3</sup>/<sub>4</sub> x 15<sup>3</sup>/<sub>4</sub> x 28<sup>1</sup>/<sub>8</sub> in. ....\$67.95

## 74016 TV/VCR Cabinet

Finished in bartonwood laminates with retractable VCR shelf. Top shelf for most 19" TV's; lower storage area; dual casters. 25<sup>3</sup>/<sub>4</sub> x 15<sup>7</sup>/<sub>8</sub> x 27<sup>1</sup>/<sub>8</sub> in. ....\$47.95

## PACKTRONICS

### VHC-1 Videosafe Case

Protective aluminum carrying case with adjustable dividers. Features velcro strap; compatible with large format camcorders; nonslip shoulder strap. Interior: 17 x 11 x 4 in. ....\$119.95

VHC-2. As above, for 8mm and VHS-C camcorders. 14<sup>3</sup>/<sub>4</sub> x 8<sup>7</sup>/<sub>8</sub> x 4<sup>1</sup>/<sub>4</sub> in. ....\$119.95

### VCR-1010 Video Luggage

Soft carrying bag for camcorders. Features Ethafoam padding; padded front pocket with rain flap; tripod carrying strap; nonslip shoulder strap. ....\$99.95

### VCR-6600 Video Luggage

Soft case with Ethafoam padding; padded front pocket with rain flap; tripod carrying straps; no snag nylon backing with zippered accessory pouch; nonslip shoulder strap. 14 x 8 x 10 in. ....\$92

VCR-2010. As above with smooth nylon backing. 17 x 8 x 11 in. ....\$90

VCR-510. As above, 12 x 6 x 8 in. ....\$59.95

## PANASONIC

### Accessories for PV-100 VHS Camcorder

PV-K10 Cassette Adaptor .....\$70  
PV-K11 Cassette Adaptor .....\$70  
PV-A10 AC Adaptor .....\$130  
PV-RF10 RF Adaptor .....\$60  
PV-BP10 Battery Pack .....\$55  
PV-H10 Carrying Case .....\$45

### Accessories for PV-320 VHS Camcorder

PV-A22MB AC Adaptor .....\$190  
PV-A118 Plug in AC Adaptor .....\$130  
PV-BP80 Battery Pack .....\$60  
PV-C80 Car Battery Cord .....\$22  
PV-G22M Character Generator .....\$320  
PV-H32M Carrying Case .....\$125

### PV-SP68 Speaker

Stereo speaker for PV-4768 table VCR. \$180/pr

### PV-CT2 Adaptor

Cable adaptor for PV-4768 and PV-4780 table VCR's .....\$160

### 20H-20F Camera Extension Cable

20-ft extension cable .....\$60

### PK-F35C Adaptor

35mm slide/negative transfer adaptor excluding C-mount cameras. ....\$40

### PK-A789S Power Supply

Power supply with stereo audio input/output .....\$65

## PHILCO BY NAP

### V80073BK Character Generator

Connects to the movie system's special character generator jack, allowing the user to add titles or other printed information to recordings ... \$250

### V80040 Plug-in AC Adaptor

AC Adaptor and battery pack recharger for VHS camcorder .....\$130

## V80039BK Battery Pack

For movie system. Permits recording of up to two hours without battery recharging .....\$65

## V80041BK Car Cord

15 foot 12 volt adaptor allows connection of VCR to cigarette lighter socket of car or boat. ....\$20

## V80072BK Remote Control

One function wired remote which allows the user to start or stop the movie system from a distance .....\$9

## PHOENIX GOLD

### PVW-1000 Videotape Rewinder/Eraser

Features photo-electric cell that guards against tape breakage; slow start-up and stop to prevent stretching of tape; 3<sup>1</sup>/<sub>2</sub> minutes to rewind or erase a T-120 tape; operates on AC adaptor ... \$139.95

### VB-1 Video Basics Kit

Includes gold dubbing cables, dust cover, high grade blank tape or head cleaner .....\$29.95

### VSBI-1 Cable Box Bypass Switch

Gold low loss, high resolution A/B switch box. Eliminates splitter to bypass cable box ... \$24.95

### CBK-A/B VCR/Cable TV Installation Kit

Allows user to install a video system in various configurations to take advantage of recording off air while watching a cable channel and vice-versa. Included are 3 video cables, 1 gold splitter, 1 low loss A/B switch and instructions .....\$19.95

## PICO MACOM

### VDS-1 Video Distribution System

Combines RF signals from antenna with signals from two other sources (such as cable, satellite receiver, VCR, etc.) into one signal, which is amplified and distributed via two outputs; allows simultaneous viewing and recording of programs from these sources .....\$52.00

## THE RACK FACTORY

### Deluxe Videocassette Library

Videocassette cabinets feature slots large enough to hold Memorex, Amaray, and similar tape library cases. Wood construction available with walnut or oak grain vinyl finish. Free standing, stackable or wall mount.

VHS30. Holds 30 tapes .....\$29.95

VHS15. Holds 15 tapes .....\$19.95

## RCA

### CGA010 Character Generator

Character generator with four type sizes (small to extra large). Up to 60 characters can be added to a scene at one time and up to 20 groups of characters can be stored and recalled. Characters may be stored in the battery-powered memory (two AA batteries included) for several months and up to 40 words can be stored in the word register. Features "curtain" and "window" special effects; stopwatch display calendar; time-lapse capability; built-in belt clip. 8 x 3<sup>1</sup>/<sub>4</sub> x 1 in. ....\$269.95

### AV019 Electronic Video Switcher

For use with TV monitors, VCR's, video games, computers and other video sources. Features electronic switching and selection of up to five different inputs and three outputs. Includes switchable RF signal amplifier .....\$119.95

### AV046 Video Power Pack

Eleven-cell rechargeable 4.5-Ah nickel cadmium battery for use with all 12-volt DC portable video equipment. Features removable and adjustable shoulder strap; built-in belt clip; built-in over-



# ACCESSORIES

charge prevention. UL-listed charger included.  
3.5 lb .....\$124.95

## AV004A 5-Ah Lead-Acid Video Battery

Powers any 12-volt DC video equipment through cigarette lighter plug. Features carrying case and shoulder strap. UL-listed charger included. Recharges in 16 to 20 hours .....\$109.95

## CPS03 Camera Power Supply

Provides AC power to a video camera when used with a table-top videocassette recorder. Features regulated voltage output for steady pictures; control switch for different videocassette audio levels; color-coded connectors; 500-W AC outlet. \$89.95

## AV025 Video Power Pack

Eleven-cell rechargeable 2.2-Ah nickel cadmium battery for use with all 12-volt DC portable video equipment up to 75 watts. Features removable and adjustable shoulder strap; built-in belt clip; built-in overcharge prevention. UL-listed charger included. 3 x 9/4 x 1 1/2 in; 2.5 lb .....\$89.95

## SK406 Surge Suppressor

Protects solid-state equipment from line voltage transient surges. Features 6, 15 ampere, grounded outlets; built-in circuit breaker; on/off switch with built-in pilot light; heavy duty 6-foot cord; UL listed .....\$29.95  
SKF406. Surge suppressor/noise filter. Same as SK406 with RF1/EM1 suppression .....\$44.95

## AH040 Surge Suppressor/Interference Filter

Protects against transient peaks and voltage spikes in video equipment. Safeguards equipment from power line surges and RF or electromagnetic interference. Built-in light signals proper functioning. Plugs into standard 125-volt receptacle and accepts up to three power cords .....\$26.95

## AH014 4-Set Coupler

Connects up to four instruments in any combination of televisions and videocassette recorders to a single 75-ohm signal source. Can be mounted on antenna mast or any flat surface .....\$14.85

## AV009W VHS-Format Head Cleaner Kit

Wet system head-cleaner cassette picks up and removes 90-100% of dirt, dust, and oxide residue from heads, headwheel, pinch-rollers, and capstans. New section of cleaner automatically in position for each cleaning. Includes cartridge, spray, and instructions .....\$14.95

AV010W. As above for Beta format videocassette recorders .....\$14.95

AV016. Replacement head cleaner spray for AV009W and AV010W .....\$4.49

## AC026 Camcorder Lens Care Kit

Includes 46mm optical skylight 1A filter for lens protection and picture enhancement, special-formula cleaning fluid and cleaning tissue, and a rubber blower-brush .....\$9.95  
AC027. As above with 52mm diameter .....\$9.95

## Video Camera Tripods

### AC009 Custom Tripod

Video-camera tripod with three-section aluminum legs. Features spring-loaded and slotted pan head; additional pan-head mounting stud; elevator friction control on center column; locking center brace; lever locks; retractable leg spikes. Fits any make of video camera. Folded length 27 1/2", extends to 62 1/2". 10 lb, 8 oz .....\$219.95

## AC018 Deluxe Tripod

Features 2-way fluid effect; pan and tilt head; quick release camera mount; variable tilt tension control; geared center column with elevator friction control; high/low locking mechanism; positive-lock side-mounted flip locks; lightweight 3-section U-channel design; rubber feet with retractable spikes. Folded length 26", extends to 61"; 5.25 lb .....\$119.95

## AC017 Lightweight Tripod

Features 2-way fluid effect pan and tilt head; geared center column with locking mechanism; positive-lock, side-mounted flip locks; lightweight 3-section U-channel design; rubber feet with retractable spikes. Folded length 25", extends to 62 1/2"; 4.75 lb .....\$79.95

AC020 Multi-Handle. "Key grip" multi-handle can be used as a tripod carrying handle or flipped down for a "third hand" to hold a light, microphone or a small video camera. For AC017 or AC018 .....\$19.95

AC019 Level Indicator. Insures a "level set" of the tripod though a bubble balance indicator. For AC017 or AC018 .....\$7.49

## AC012 Unipod

Five-section telescoping leg that locks in all sections. For use as a video-camera support. Camera screws securely into platform. Features carrying strap. For use with any video camera. Folded length 15", extends to 58 1/4" .....\$31.95

## Protective Dust Covers

Protects videocassette recorders from static charges, dirt, dust, smoke, scratches, and humidity. Constructed of a porous 1/2-inch channel-quilted outer fabric and an antistatic, soft-padding inner liner with more than 5,000 perforations to allow for dispersion of heat build-up.

AV014. 17 x 11 x 4 in. For convertible videocassette recorders .....\$19.95

AV015. 21 x 11 x 3 1/4 in. For two-piece (side-by-side) videocassette recorders .....\$19.95

AV023. Dust cover fits most standard size videocassette recorders .....\$8.95

## AV011 VCR Backpack/Shoulderpack

For use with most makes of videocassette recorders. Features shoulder strap that quickly converts case to a backpack; external pockets; Velcro-secured access flap for cable hook-up; strap to hold unused portion of cable; nylon construction; silvertone fasteners. 13" x 13" x 6" .....\$69.95

## AC016 Universal Camera/Camcorder Case

Features gray cordura outer material; soft, non-abrasive inner liner; two outer storage pockets; single-pull, dual-zippered top; carrying handles and shoulder strap with adjustable pad ..\$60.95

# REALISTIC

## VCR Head Cleaning Systems

Nonabrasive cleaning systems for heads, capstans, pinch-rollers and guides.

44-1185. Automatic cassette cleaning system for VHS .....\$14.95

44-1186. Automatic cassette cleaning system for Beta .....\$14.95

44-1172. Manual system. Includes brush, mirror probe, glove .....\$9.95

## Videocassette Labels

Package of 10.

44-1177. For VHS .....\$1.49

44-1178. For Beta .....\$1.49

## Videocassette Cabinets

44-1199. Two drawers. Holds 24 videocassettes .....\$29.95

44-1188. One drawer. Can hold 10 videocassettes .....\$16.95

## Storage Units

44-1198. Video library album .....\$1.39

44-1197. Smoke-colored videotape racks holds up to 6 tapes each. Two racks for .....\$3.99

44-1102. Video storage module can store up to 6 tapes .....\$4.99

44-1140 Videocassette Rewinder

Rewind or fast-forward VHS-format tapes. Batteries or AC adaptor required .....\$29.95

## 44-233 Bulk Tape Eraser

Erases Beta, VHS, and all audio tapes ...\$29.95

## 44-1182 Universal VCR Cover

See-through front; static resistant. 7" x 20" x 16" .....\$5.95

# RECOTON

## V161 Video Camera Tripod

Heavy-duty tripod with spring-loaded pan/tilt head; telescoping legs open to 57.5"; geared crank-column with built-in leveler; rubber feet; 4.5 lb .....\$129.95

## Video Switchers

V621A. Audio/video switcher .....\$159.95

V312A. Five inputs; two outputs; tape dubbing .....\$44.95

V352. Five inputs; two outputs; pushbutton switching .....\$44.95

V318. "The Censor" locks out VCR or pay-TV signal; selects two antenna inputs; protected cable shield; adhesive backing; with two keys, hardware, and instructions .....\$27.99

V341. Three-way VCR-TV 300-ohm selector switch; for three 75-ohm inputs, or two 75-ohm inputs and one 300-ohm input .....\$19.99

V317. Two-way antenna switch; adhesive backing for mounting on TV .....\$18.49

V337. Three-way VCR-TV 75-ohm selector switch to choose three different outputs from one source .....\$17.99

## Videocassette Rewinders

V197. For VHS tapes; senses end of tape with infrared light; fully automatic; low-torque DC motor; smoked plexiglass cover; matte black case .....\$89.95

V187. For VHS tapes; optical sensor; fast forward and rewind indicators; resettable tape counter; DC motor; gloss-black ventilated case .....\$89.95

V189. Same as V187; for Beta tapes .....\$89.95

V177A. For VHS tapes; low-torque DC motor; damped eject mechanism; rewind indicator; matte-black plastic .....\$59.95

V179A. Same as V177A except for Beta tapes .....\$59.95

## Insta-Connect Kits and Parts

Allows cables to be cut to desired length and connectors attached to ends of cable.

V440. Triple-lead cable kit. Contains 25-ft cable, six RCA male connectors, six Identi-tags. \$64.99

V438. Single-lead cable kit. Contains 25-ft cable, four F-59 push-on connectors, four RCA connectors, eight Identi-tags .....\$64.99

V439. Dual-lead cable kit. contains 25-ft cable, four RCA male connectors, and four Identi-tags .....\$44.95

V436. 50-ft dual video cable .....\$32.95

V437. 25-ft triple video cable .....\$27.99

V435. 50-ft single video cable .....\$18.99

V431. RCA plugs with Identi-tags .....\$13.99

V430. F-59U plugs for RF and antenna connections .....\$13.99

V434. Fifty Identi-tags in three colors with printed inserts .....\$7.49

V432. RCA jack to BNC plug adaptor ....\$6.69

## VRX-200 Extra Video Cleaner

Nonabrasive wet system for VHS video recorders; cleans more than fifty times .....\$19.99

For explanations of abbreviations, specifications, and technical terms, consult the dictionary on page 124.



# ACCESSORIES

## Pro Formula Video Head Cleaners

Wet system to clean heads, capstan, and tape path; for cleaning after every 40 hours of use; removes dust and oxides.

V141. For VHS VCR's .....\$18.99

V142. For Beta VCR's .....\$18.99

## Dust Covers for Video Components

Woodgrain vinyl with clear plastic front panel.

V143. Universal dust cover features quilted padded nylon; installation cutouts; full-width clear front window. Available in black or gray; fits VHS or Beta VCR's .....\$14.99

V126. Ribbed VCR cover .....\$12.99

V105. For VHS and Beta VCR's .....\$11.99

V125. For Super Mini VHS portables .....\$11.99

V120. For VHS portables .....\$10.99

V121. For Beta portables .....\$10.99

V114. Economy version of V105 .....\$7.49

V124. For Sony SL-2500 .....\$2.99

## V107 VHS Head Cleaner

Nonabrasive head cleaner for VHS VCR's; cassette slips into VCR, plays for 20 seconds. \$9.98

V109. Similar to above but for Beta VCR's \$9.99

V138. VCR head-cleaning solution for above cleaners .....\$3.69

## Video Maintenance Products

V106A. Videotape eraser .....\$69.96

V118. Videotape splicing kit .....\$46.95

V115. Video camera lens-cleaning kit .....\$10.99

V116. 1/4-oz refill of fluid for above .....\$2.99

V103. Deluxe Video Magic recorder maintenance kit .....\$9.99

V119. Anti-static TV screen cleaner .....\$5.99

V104. VCR maintenance kit .....\$5.19

V108. Magic wands; five chamois wands for cleaning VCR's .....\$4.49

V101. Video Magic head-cleaning solution \$3.99

V102. Video Magic swabs .....\$3.99

V110. VHS labeling kit; 25 labels .....\$2.99

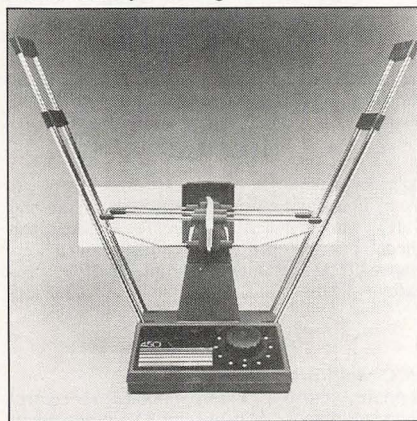
V111. Beta labeling kit; 25 labels .....\$2.99

## UHF/VHF/FM Antennas

All antennas except TV 150 have twelve-position fine-tuning switch; color-coded 300-ohm twin leads; 300/75-ohm transformer; elements are matte black and silver; body is gloss black.

TV 550. Control-activated rotating platforms with full 360° rotation; 39" VHF rods with 90° tilt; UHF loop antenna with center dish. \$39.95

TV 450. "Super High Sensitivity" antenna with dual-element dipole rods that extend to 25" with more sensitivity than single-element rods of 50";



90° tilt; directional multi-element Yagi UHF antenna with 45° tilt and 360° rotation for improved reception in fringe areas .....\$34.95

TV 350. For horizontal surface or wall mounting; 31" telescoping elements with 90° angle and five-position tilt; dual UHF elements with 90° rotation .....\$26.95

TV 250. Directional 36" telescoping VHF rods

with 90° tilt; directional parabolic UHF antenna

rotates 360° .....\$26.95

TV 150. VHF and FM only; two 34" seven-section telescoping VHF rods with 90° tilt ..\$13.99

## Assorted Accessories

V474. Camcorder car cord .....\$28.99

V468-6. 6-ft gold stereo dubbing cable ...\$26.99

V130-10. 10-pack storage albums .....\$13.99

V144. VHS head cleaner .....\$12.99

V147. Beta head cleaner .....\$12.99

V448. 10-ft gold VCR connecting cord...\$12.99

V348. 300/75-ohm UHF/VHF adaptor ...\$6.99

V349. Portable TV matching transformer ..\$3.99

## TVS Gold Cables

TSVG310. 6-ft stereo dubbing cable ....\$18.99

TSVG309. 6-ft mono dubbing cable ....\$16.99

TSVG303. 25-ft F to F .....\$11.49

TSVG307. 6-ft RCA to RCA cable .....\$8.49

TSVG302. 12-ft F to F .....\$8.49

TSVG301. 6-ft F to F .....\$6.49

TSVG300. 3-ft F to F .....\$5.49

## RHOADES

### SW-7 x 4 A/V Switcher

Handles 7 A/V sources; four outputs; electronic switching. 16" x 3" x 10" .....\$299.00

### CPX-1 Channel-Plexer

Takes two video sources and adds them to normal channels from antenna or cable system; select additional video sources by changing TV channel; single cable carries all signals to each TV and VCR; passes and amplifies 50 to 950 MHz; adds source inputs at UHF channels 37 and 38 (adjustable). 16" x 1 1/4" x 10" .....\$229.95

### SW-5 x 4 RF Switcher

Takes five sources and switches them to four TV's or VCR's so each can have different source simultaneously. 12" x 2" x 12" .....\$149.95

### RF-36 Super Antenna

Single-element monopole antenna for VHF, UHF, FM and police scanners. Boosts signal 12 dB; directional or omnidirectional; 50 to 950 MHz gain with 75-ohm input; black finish. 5" x 3" x 1 1/2" .....\$79.95

## SANSUI

### VC-G99 Video Character Generator

Character generator for videotape titling. Features 20 characters per line, 7 lines per title; 124 different characters in four languages; easy-to-use keyboard .....\$400.00

## SANYO

### RBUI Universal Remote Control Transmitter

Programmable infrared remote control uses an 8-bit microprocessor to learn and use the infrared codes from as many as three different remote control products. Features multi-function controls to execute up to 87 functions from a 36-button keypad; 5 LED indicators monitor learn mode operation; pre-programmed to work with current Sanyo remote control audio/video components; color-coded controls. Uses 4 AA batteries .. \$100



Sanyo RBUI Universal Remote Control

## SCOTCH

### Head-Cleaning Videocassette

Head-cleaning cassette which uses a specially formulated tape with a prerecorded message. Played like a standard videocassette. Cleans heads while playing and prerecorded message is shown on screen when heads are clean. Cassette contains five minutes of cleaning videotape .....\$19.95

## SEARS

### 0 57 E 53916 Video Dubbing Cable

6-foot cable with amplifier for making clear copies of videotapes. 4 lb .....\$59.99

## SHINTOM

### VCW-210 VHS Cassette Rewinder

Licensed VHS cassette rewriter; transport mechanism identical to ones used in Shintom VCR's. Winds T-120 tapes in 210 seconds .....\$120

## SONRISE CABINET SYSTEMS

All prices shown are for medium oak finish.

Optional finishes: walnut, add 30%; light or dark oak stain, add 1%; black, white, or gray lacquer, add 40%. Optional cabinet doors: wood framed glass or wood insert, add \$90. Storage drawers: CD, Cassette, VHS-C/8mm, Video, add \$100. Increase depth to 20", add 14%.

### 8mm/VHS-C Tape Holder (SG-8mm)

Dual sided unit holds 40 8mm or VHS-C format video tapes. 14 7/8 x 10 x 6 3/4 in .....\$80

### Monitor Swivel (STV)

Swivel for adjusting TV viewing angle. 22 x 2 1/4 x 15 3/8 in or 26 x 2 1/4 x 15 3/8 in .....\$80

### SV-5 Video Cabinet

Open cabinet with one adjustable shelf. Exterior

## PRICES LISTED

are manufacturers' suggested retail prices  
(also referred to as list prices);

actual selling prices are set by individual dealers.

All prices are subject to change without notice.



# ACCESSORIES

measurements: 25 1/4 x 12 1/2 in. Interior measurements: 21 1/2 x 22 in. .... \$320

## B-11 Video Cabinet

Open cabinet for 25" monitor. One adjustable shelf. Exterior measurements: 25 1/4 x 32 in. Interior measurements: 21 1/2 x 30 1/2 in. .... \$370

## B-31 Video Cabinet

Open cabinet with two adjustable shelves. Exterior measurements: 25 1/4 x 20 7/8 in. Right side: 21 1/4 x 19 3/8 in. .... \$470

## SC-9 Video Cabinet

Tambour doors. Sized for up to 27" monitor. Fixed shelf with open storage below. Exterior measurements: 34 1/2 x 32 in. Monitor/receiver area: 22 3/4 x 28 1/4 in. Storage area measurements: 7 x 30 1/2 in. .... \$770

## SP-12 Video Cabinet

Tambour doors. Sized for up to 27" monitor. Fixed shelf with open storage below. Exterior measurements: 49 x 36 in. Top VCR area on suspended shelf: 6 x 28 in. Monitor area: 26 1/4 x 32 1/2 in. Storage area: 11 1/4 x 34 1/2 in. .... \$950

## SONY

### Video Cleaning Cassettes

**L-25CL.** For Beta machines .... \$13.99  
**V-25CL.** For VHS machines .... \$13.99  
**V8-25CL.** For 8mm machines .... \$18.95

### VCR-to-TV Connector Cables

**VMC-612MS.** Uniconnector adaptor cable connects mono VCR's to TV's with A/V Uniconnector inputs; RCA video and RCA mono audio plugs at one end with miniplug adaptor, Uniconnector at other end .... \$12.99  
**VMC-920MS.** 6-foot A/V cable connects stereo VCR's to mono monitor/receivers; RCA video jacks and RCA audio plugs at both ends. .... \$12.99  
**VMC-820S.** 6-foot A/V cable connects stereo VCR's to stereo monitor/receivers; RCA video and RCA left and right audio plugs at both ends. .... \$10.99  
**VMC-610S.** Uniconnector adaptor cable connects stereo VCR's to TV's with A/V Uniconnector inputs; RCA video and RCA stereo audio plugs at one end, Uniconnector at other. .... \$8.99

### Antenna Connectors and Adaptors

**ANS-32.** Antenna switcher for selecting one of two RF input sources. .... \$11.99  
**EAC-44.** Band separator separates incoming 75-ohm VHF/UHF signals. .... \$5.99  
**EAC-45.** Two-way splitter connects two TV's to a VCR from one antenna. .... \$4.99  
**EAC-24.** Quick-connect F jack to 300-ohm twin-lead cable. .... \$3.99  
**EAC-33.** Straight quick-connect F plug for coaxial cable. .... \$3.99

### Antenna Cables

**CCD-4.** 9.8-foot 75-ohm coaxial cable with F connectors. .... \$6.99  
**CCD-2.** 5-foot 75-ohm coaxial cable with F connectors. .... \$4.99

## STRAIGHT WIRE

### Video Link Connection Cables

Gold phono plugs; controlled impedance.  
3 meters long .... \$34.00  
1.5 meters long .... \$25.00  
Each additional meter .... \$6.00

## SYLVANIA BY NAP

### VCR Accessories

**V80073.** VHS-movie character generator .. \$250  
**V80071.** Video/AC adaptor for VHS-movie \$150

**V80040.** Plug-In AC adaptor for VHS-movie \$130  
**V80039.** Battery pack for VHS-movie. .... \$65  
**V80077.** Cassette adaptor for VHS-C .... \$65  
**V80041.** Car cord for VHS-movie .... \$20  
**V80072.** Remote pause control for VHS-movie/VHS-C .... \$9

## TDK

### Videocassette Recorder Head Cleaners

*Nonabrasive head-cleaning cassettes for Beta- and VHS-format videocassette recorders. Cleans video and audio heads in 30 seconds and can be used up to 200 times.*

**LCL-30.** Beta format .... \$8.50  
**TCL-30.** VHS format .... \$8.50

### ECL-20 8mm Head Cleaning Cassette

Virtually nonabrasive. Can be used up to 200 times .... \$10.00

## TENBA

### V212 VCR/Camera Case

Holds most cameras in a collapsible section. Features welded D rings; cross-linked, closed-cell polyethylene waterproof foam; 3,000-pound test nylon strap; camera section expands from 1" to 6". 11 x 10 1/2 x 4 1/2 to 9 1/2 in. .... \$150.00  
**V212A.** Case for larger cameras .... \$175.00

### V-Ski Pak

Padded bag for safe carrying of camcorder while



skiing. Shock insulated with 3/8" thick embazote foam; pockets for tape, batteries, ski wax, edge sharpener; extra room for sweater and rain gear; curved shoulder straps. 2 1/4 lb .... \$150

### V8 Camcorder Bag

For 8mm camcorders 13 1/2 x 7 x 5 in.; 1 lb. 7 oz. .... \$110.00  
**VH.** For Matsushita-built, Panasonic, Chinon, GE, and Curtis Mathes VHS camcorders. 15 1/4 x 9 1/2 x 5 1/2 in. .... \$100.00

### Thermal Camcorder Cover

For all full-sized 8mm camcorders. Features Thermoloft synthetic down bag for camcorder operation in environments below 32°. Features bellows shield for operation of the power switch and zoom lens; condensation occurs on outside. 3 1/2 oz. .... \$100

### V8 Video Bag

For all full-sized 8mm camcorders (Sony, Canon). Holds camcorders with room for tapes, batteries and AC adaptor. Features 300-pound test nylon strap; welded D rings; closed-cell, cross-linked polyethylene waterproof foam; made from 1,000 denier cordura; half the weight of a hard case. 15 x 11 x 5 in.; 1.5 lb .... \$90.00

## TRACKMATE

### TM-261 VHS VCR Cleaner

VHS VCR cleaning cassette cleans 175% of the area videotape actually touches. Includes clean-

ing fluid; cleaning-fluid dispenser pen; handy storage box .... \$19.95

## VDO-PAK PRODUCTS

### NIC710 Nickel Cadmium Belt

Battery power belt adjustable for waist sizes 27-50", balanced 12 V DC power for all applications. Features high-density nickel cadmium rechargeable battery; flexible-webbed cordura nylon; universal cigarette-lighter connector; operates for 7 to 9 hours VCR/camera, 50-60 min 100 watts; quick-release buckle; charging time 14 hours. Approx 7 lb. .... \$299.95

### L-9000 VDO-Lite

Designed for low-light video cameras. Supplied with both 250-watt 110-volt lamp and 75-watt 12-volt lamp. Modular design allows instant conversion for 110 V AC to 12 V DC. Features mounted dichroic-glass front-filter to trap stray infrared not caught by the lamp reflector; 6061 aluminum housing; two-point support, preset spring drag and angle lock. 2 1/4 x 2 1/4 x 5 in.; just under 1 lb .... \$149.95

### L-6000 Camcorder/Camera Light

Features 50 watt, 4000 hour bulb; 90° tilt; camera shoe adaptor. 12 volts .... \$59.95

### CR100/200 Series Camera Rests

Camcorder/camera shoulder rest. Fits flat or stepped base cameras.

**CR101/CR102.** .... \$39.95  
**CR201/CR202/CR204.** .... \$49.95

## VIDEO LINK BY XANTECH

### Xtralink Remote Control Extension System

Controls multiple video or audio devices from remote locations up to a mile away. Features coaxial wiring for low loss characteristics; can be used as part of a master antenna system, eliminating the need for A-B switches .... \$69.95

### Cockpit II Remote Controller

Combines existing remote controllers of video system into one unit with aimable turrets and an



amplifier to boost infrared signal strength \$49.95

## VIDICRAFT

### A/V Switcher

Four inputs and outputs; independent audio and video switching; vertical interval switching; test mode confirms operation; two-year limited warranty. Total harmonic distortion <0.01%; separation -90 dB .... \$399.95

## ZENITH

### PCC Multi-Brand Remote Control

Remote control is preprogrammed to control functions of more than 30 color TV brands, about 30 VCR brands, and 8 cable converters. Remote does not have to learn the infrared command codes, instead a series of internal switches are set. Functions: TV on/off, volume, audio mute, channel selection, flashback, and enter. VCR on/off, channel selection, stop, record, play, pause, fast forward, rewind, and TV/VCR. CATV on/off, channel selection, and volume control .... \$39.95



# VIDEO TAPE



## AVANTI

### Premium Grade VHS Videotape

T-120, 2-4-6 hours .....\$3.99

## BASF

### Super HG Hi-Fi VHS Videocassettes

Super high-grade tape with improved audio response.

T-160, 2 $\frac{2}{3}$ , 5 $\frac{1}{3}$ , or 8 hours .....\$15.95

T-120, 2, 4, or 6 hours .....\$13.95

### Super HG Chrome VHS Videocassettes

Super high-grade chrome videotape with high S/N for brighter pictures and clean running tape.

T-160, 2 $\frac{2}{3}$ , 5 $\frac{1}{3}$ , or 8 hours .....\$13.95

T-120, 2, 4, or 6 hours .....\$11.95

TC-20, VHS-C tape; 20 or 60 minutes ....\$9.95

### Extra Quality VHS Videocassettes

BASF's standard grade pure chrome videotape with long-term stability.

T-160, 2 $\frac{2}{3}$ , 5 $\frac{1}{3}$ , or 8 hours .....\$11.95

T-120, 2, 4, or 6 hours .....\$9.95

## FUJI

### Super XG-VHS/Beta Videotape

Ultra-fine Beridox videotape. Magnetic layer 27 times higher in density than Super HG; new Duro-back coating. Video signal-to-noise ratio +6 dB; color signal-to-noise ratio +5 dB; video RF sensitivity +2 dB; audio sensitivity +2 dB; chroma output +2 dB.

T-120, VHS format .....\$16.99

T-60, VHS format .....\$15.39

L-500, Beta format .....\$16.59

L-250, Beta format .....\$13.99

### Super HG-VHS/Beta Video Tape

Long-playing Super HG tape with thinner silicized polyester base film. Designed to provide sharp pictures with vivid colors at slowest speeds or when used with cameras. Tape base is back treated and undercoated for smoother running and maximum durability. Anti-static VE leader tape for fewer dropouts. Polypropylene storage case. Video S/N +4.0 dB; color S/N +4.0 dB; audio sensitivity +2.0 dB; video RF sens +2.0 dB; chroma output +2.0 dB.

T-160, VHS format 2.66-8 hrs .....\$16.99

T-120, VHS format 2-6 hrs .....\$11.99

T-90, VHS format 1.5-4.5 hrs .....\$11.39



Fuji Pro-S S-VHS videotape

T-60, VHS format 1-3 hrs .....\$10.89  
T-30, VHS format 0.5-1.5 hrs .....\$10.39  
L-830, Beta format 1.66-5 hrs .....\$16.59  
L-750, Beta format 1.5-4.5 hrs .....\$11.99  
L-500, Beta format 1-3 hrs .....\$10.59  
L-370, Beta format 0.75-2.25 hrs .....\$9.89  
L-250, Beta format 0.5-1.5 hrs .....\$9.19  
L-125, Beta format 0.25-0.75 hrs .....\$8.59

### Super HG Hi-Fi Beta/VHS Video Tape

Specifically designed for optimum performance with the new Beta/VHS Hi-Fi VCR's. Super smooth magnetic layer with 20% greater packing density than former Super HG. Exclusive dropout decrease process for absolute lowest dropouts. Tape base is back treated and undercoated for smoothest running and maximum durability. "Blue Shell" cassette and precision mechanism. Supplied in clear plastic storage case. Video S/N +4.0 dB; color S/N +4.0; audio FR 20-20,000 Hz  $\pm$  1.0 dB; audio sensitivity +2.0 dB; video RF sensitivity +2.0 dB; chroma output +2.0 dB.

L-500, Beta format (1-2-3 hrs) .....\$11.69

L-750, Beta format (1.5-3-4.5 hrs) .....\$13.59

T-120, VHS format 2-4-6 hrs .....\$13.59

T-60, VHS format 1-2-3 hrs .....\$12.29

### 8mm Video Tape

Super-Fine Metallix; Flexible 3-D Network Binder System; airtight shell for dustproof operation.

P6-120, 2-4 hrs .....\$16.95

P6-90, 1.5-3 hrs .....\$14.95

P6-60, 1-2 hrs .....\$12.95

P6-30, 0.5-1 hr .....\$10.95

P6-15, 15-30 min .....\$8.95

### Beta Format Video Tape

Fine-Grain Beridox formulation; high-impact ABS housing.

L-750, 1.5-4.5 hrs .....\$9.99

L-500, 1-3 hrs .....\$8.59

L-370, 0.75-2.5 hrs .....\$7.99

L-250, 0.5-1.5 hrs .....\$7.49

L-125, 0.25-0.75 hrs .....\$6.99

### VHS Format Video Tape

Fine-grain Beridox formulation; high-impact ABS housing.

VCL-10, .....\$13.99

T-160, .....\$12.99

T-120, .....\$9.99

T-90, .....\$9.49

T-60, .....\$9.09

T-30, .....\$8.69

### VHS-C SHG Compact Videocassette

The Fuji Compact Videocassette Super HG is designed for an excellent video S/N ratio for a rich, clear picture and a color S/N ratio that gives bright, pure colors. Dust-guard VE leader tape intended to minimize dropouts.

TC-20, 20 min .....\$10.59

### Pro-S S-VHS Video Tape

Fine-grain Beridox; cobalt-ferrite; advanced binder with improved dispersion characteristics. Magnetic layer high-density formed and coated.

ST-120, .....\$21.60

ST-60, .....\$17.55

ST-30, .....\$15.53

## GE

### VHS Videotape

GE T-120 SHG, Super high grade .....\$7.95

GE T-120, Premium grade; 2-4-6 hr .....\$5.95

GE TC-20, VHS-C premium grade .....\$9.95

## GOLDEN IMAGE BY XYJ INTERNATIONAL

### VHS Videotape

T-120, 2, 4, or 6 hours. Approx. ....\$3.95

### Beta Videotape

L-500, 1, 2, or 3 hours. Approx. ....\$3.89

## IRISH

### VHS Videocassette Tape

T-120, Playing time 2 $\frac{2}{3}$ /6 hrs .....\$9.95

## JVC

### Super VHS Videotape

For use in S-VHS and VHS VCR's; ultra-fine ferric-oxide magnetic particles in smoother magnetic layer; increased FM audio output for Hi-Fi soundtracks. Horizontal resolution more than 400 lines in S-VHS decks. Time varies according to tape speed (SP, LP, or SLP).

ST-120, 2, 4, or 6 hours .....\$19.95

### VHS T-120 Videotape

Anti-static leader tape reduces dropouts caused by dust. Time varies according to tape speed (2 hours in SP, 4 hours in LP, or 6 hours in SLP). Specifications are deviations from JVC's new reference tape.

T-120SPRO, Super Pro. MBF emulsion with titanium oxide uses ultra-fine cobalt-doped acicular particles 0.18 microns long to record color signals, hexagonal barium ferrite particles (0.1 micron diameter, 0.01 micron thick for perpendicular magnetization) for video signals; SDRS base film. RF output +3.5 dB at 4 MHz; video S/N +3.2 dB; color S/N +3.9 dB; chroma output +2 dB; audio sensitivity +2 dB; audio frequency response +2 dB; audio erasability 70 dB .....\$11.99

T-120SHFN, Super Hi-Fi. NBSR base film; ultra-fine particles with titanium oxide for static resistance and head cleaning. RF output +2.0 dB at 4 MHz; video S/N +2.5 dB; color S/N +3.2 dB; chroma output +0 dB; audio sensitivity +1 dB; audio frequency response +1 dB .....\$8.99



JVC S-VHS-C videotape



# V I D E O T A P E

**T-120SHGM.** Super High Grade Master, for preserving special recordings. NBSR base film. RF output +1.0 dB at 4 MHz; video S/N +2.5 dB; color S/N +3.2 dB; chroma output +0 dB; audio sensitivity +0.5 dB; audio frequency response +1 dB; audio erasability 70 dB .....\$7.99

**T-120PSN.** Premium Standard Grade, for multiple re-recording. RF output +0.5 dB at 4 MHz; video S/N +0.9 dB; color S/N +1.5 dB; chroma output +0 dB; audio sensitivity +0.5 dB; audio frequency response +0 dB; audio erasability 65 dB .....\$5.99

**T-120PSNPK6.** Premium Standard six-pack .....\$35.95

**T-120PSNPK3.** Premium Standard three-pack .....\$17.97

## VHS-C Compact Videotape

Plays in VHS machines with separate VHS-C-to-VHS adaptor. 20 minutes in SP or 60 minutes in LP. Features dual tape-pad assembly; anti-static leader tape; tape window with remaining-time indication; cassette shell of ABS resin. Specifications show deviations from JVC's reference tape.

**TC-20SPRO.** Super Pro. Designed for use as master tape for editing. MBF (Multi-phase Barium-Ferro) barium-ferrite particle emulsion; SDRS base film. RF output +3.5 dB at 4 MHz; video S/N +7 dB; color S/N +6 dB; chroma output +2 dB .....\$7.99

**TC-20SHGM.** Super High Grade Master. With NBSR base film. RF output +1 dB at 4 MHz; video S/N +5 dB; color S/N +5.2 dB; chroma output +0 dB .....\$6.99

**TC-20SHGMX3.** Super High Grade Master plus three (three-pack) .....\$19.99

**TC-20HGSN.** High Grade Super. For general recording and re-recording. SS base film. RF output +0.5 dB at 4 MHz; video S/N +3.5 dB; color S/N +3.3 dB; chroma output +0.5 dB .....\$5.99

**TC-20HGSDC10.** High Grade Super plus ten (ten-pack) .....\$59.99

## KODAK

**Kodavision 8mm Video Tape**  
Metal-particle tape.

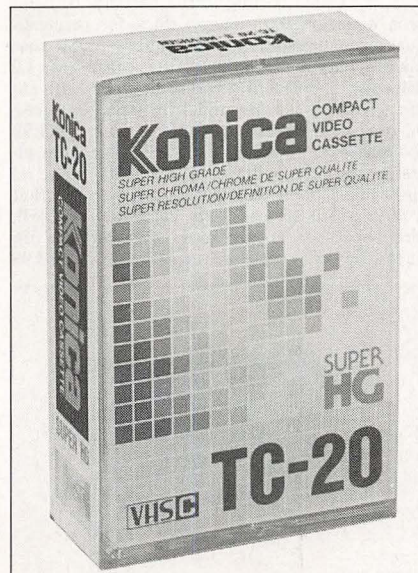
**MP-90.** .....\$14.99

**MP-60.** .....\$13.99

**MP-30.** .....\$12.99

## High-Grade VHS Video Tape

With high-density particle packing for re-recording, erasure, and signal stability.



Konica VHS-C videotape

**T-120 HGX** .....\$11.99

**T-60 HGX** .....\$11.49

**T-30 HGX** .....\$10.99

## Hi-Fi Video Tape

Ultra-fine-grain magnetic particles provide high signal-to-noise ratio. Tape features dust-resistant leaders to minimize static electric buildup.

**HFT-120.** VHS format .....\$13.99

**HFL-750.** Beta format .....\$13.99

## VHS Video Tape

**T-120** .....\$8.99

## High-Grade Beta Video Tape

With high-density particle packing for re-recording, erasure, and signal stability.

**L-750 HGX** .....\$10.99

## Beta Video Tape

**L-750** .....\$8.99

## KOLON SCENA

### VHS T-120 HQ Videotape

Astroll polyester base film; ultra-fine magnetic particles; super binder system. Records and plays for two hours in SP mode, four hours in LP mode, and six hours in SLP mode. Video S/N +2 dB; chroma S/N +2 dB .....\$8.98

## KONICA

### Super Pro Videotape

High-density formulation for high-band and standard VCRs. For live recording with portables and camcorders. Time varies according to recording speed.

**VHS T-120.** 2-4-6 hrs .....\$19.95

**Beta L500.** 1-2-3 hrs .....\$18.95

### Super Hi-Fi Grade Videotape

High density formulation for high fidelity video. Designed for improved detail resolution, video S/N, and audio frequency response.

**VHS T-120.** 2-4-6 hrs .....\$14.95

**Beta L750.** 1.5-4 1/2 hrs .....\$14.95

**Beta L500.** 1-3 hrs .....\$13.95

### MP6 Series 8mm Cassettes

Metal particle formulation; life-time warranty.

**MP6-90S.** 90 min .....\$16.95

**MP6-60S.** 60 min .....\$13.95

### Super HG Videotape

**VHS T-120.** 2-4-6 hrs .....\$10.95

**VHS-C T-20.** 20 or 60 minutes .....\$8.99

**Beta L750.** 1.5-3-4 1/2 hrs .....\$11.95

**Beta L500.** 1-2-3 hrs .....\$10.95

### SSR Videotape

**VHS T-120.** 2-4-6 hrs .....\$9.95

**VHS T-60.** 1-2-3 hrs .....\$8.95

**Beta L750.** 1.5-3-4 1/2 hrs .....\$9.95

**Beta L500.** 1-2-3 hrs .....\$8.95

## KYOCERA

### 8mm Metal Powder Tape

Features ultra-fine magnetic particles.

**Finemetal P6-120.** 120 minutes .....\$14

**Finemetal P6-90.** 90 minutes .....\$12

**Finemetal P6-60.** 60 minutes .....\$10

**Finemetal P6-30.** 30 minutes .....\$8

## LASER BY SWIRE MAGNETICS

### VHS Videotape

**T-120 Standard Grade.** 2-4-6 hours .....\$5.99

**T-120 High Grade.** 2-4-6 hours .....\$6.99

### Beta Videotape

**L-750 Standard Grade.** 1.5-3-4.5 hours .....\$6.99

## MAXELL

### Standard Epitaxial VHS Videotape

Magnetic video recording tape with a stronger base film for durability and stability. Video signal-to-noise ratio +2.5 dB; color signal-to-noise ratio +3.7 dB; audio signal-to-noise ratio +3 dB; audio sensitivity +1.3 dB; video output +1.3 dB; chroma output +1.2 dB.

**T-60.** 1-2-3 hours .....\$8.99

**T-120.** 2-4-6 hours .....\$9.99

**T-160.** 2.66-5.33-8 hours .....\$14.99

### Standard Epitaxial Beta Videotape

Beta videotape with a durable base film and surface coating. Video signal-to-noise ratio +2.5 dB; color signal-to-noise ratio +3.2 dB; audio signal-to-noise ratio +1.5 dB; video output +1.5 dB; chroma output +1.7 dB.

**L-750.** 1.5-3-4.5 hours .....\$9.99

**L-830.** 1.66-3.33-5 hours .....\$14.99

### High-Grade Epitaxial VHS Videotape

VHS videotape with small densely packed high-grade epitaxial particles for improved performance in extended play modes. Video signal-to-noise ratio +3 dB; color signal-to-noise ratio +4 dB; audio signal-to-noise ratio +3.3 dB; audio sensitivity +2 dB; video output +2 dB; chroma output +2 dB.

**HGX T-60.** 1-2-3 hours .....\$11.99

**HGX T-120.** 2-4-6 hours .....\$12.99

**HGX T-160.** 2.66-5.33-8 hours .....\$17.99

### High-Grade Epitaxial Beta Videotape

Beta videotape with small densely packed oxide particles for improved performance in BIII mode. Video signal-to-noise ratio +3.3 dB; color signal-to-noise ratio +3.3 dB; audio signal-to-noise ratio +2.5 dB; audio sensitivity +2 dB; video output +2 dB; chroma output +2.5 dB.

**HGX L-750.** 1.5-3-4.5 hours .....\$12.99

**HGX L-830.** 1.66-3.33-5 hours .....\$17.99

### High-Grade Gold Epitaxial VHS Videotape

VHS videotape with improved audio qualities for use with Hi-Fi videocassette recorders. Video signal-to-noise ratio +4.3 dB; color signal-to-noise ratio +5.3 dB; audio signal-to-noise ratio +4 dB; audio sensitivity +2 dB; video output +2 dB; chroma output +2.1 dB.

**HGX Gold Hi-Fi T-120.** 2-4-6 hours .....\$16.99

### High-Grade Gold Epitaxial Beta Videotape

Beta videotape with low skew and jitter for better quality Hi-Fi and stereo sound video recording. Video signal-to-noise ratio +4 dB; color signal-to-noise ratio +4.3 dB; audio signal-to-noise ratio +3.5 dB; video output +2.5 dB; chroma output +2.5 dB.

**HGX Gold Hi-Fi L-750.** 1.5-3-4.5 hrs .....\$16.99

### High-Grade Gold VHS-C Videotape

Video signal-to-noise ratio +4.3 dB; color signal-to-noise ratio +5.3 dB; audio signal-to-noise ratio +4 dB; audio sensitivity +2 dB.

**HGX TC-20.** 20-60 min .....\$8.99

### Professional-Quality VHS Videotape

VHS videotape with molecularly bonded superfine magnetic particles on an ultra-smooth base film. Tape features video signal-to-noise ratio +6.3 dB; color signal-to-noise ratio +6 dB; audio signal-to-noise ratio +3.9 dB; audio sensitivity +2 dB.

**RX Pro T-120.** 2-4-6 hours .....\$19.99

### Professional-Quality Beta Videotape

Beta videotape featuring molecularly bonded superfine magnetic particles on an ultra-smooth base film. Video signal-to-noise ratio +4.7 dB; color signal-to-noise ratio +4.5 dB; audio signal-to-noise ratio +3 dB; audio sensitivity +2 dB; chroma output +2.5 dB.

**RX Pro L-500.** 1-2-3 hours .....\$19.99



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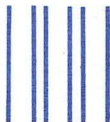
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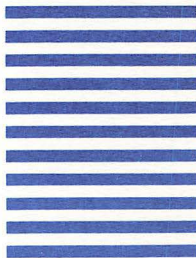
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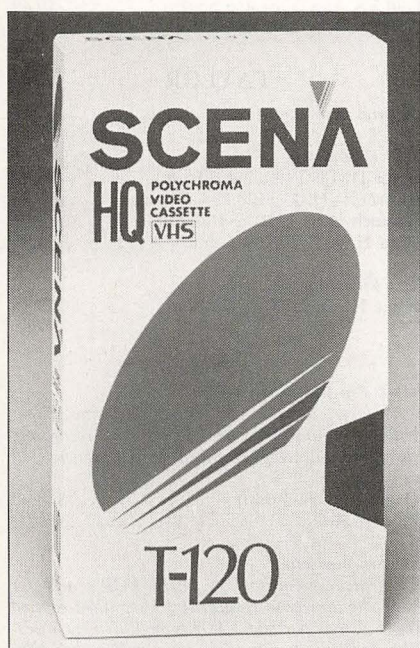
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# VIDEOTAPE



Kolon Scena VHS videotape

## Metal-Particle 8mm Videotape

8mm videotape with increased anti-oxidation formula to help prevent loss of "recordability" due to oxidation.

MP-15, 0.25 hours	\$9.99
MP-30, 0.5 hours	\$11.99
MP-60, 1 hour	\$14.99
MP-90, 1.5 hours	\$16.99
MP-120, 2 hours	\$19.99

## MEMOREX BY MEMTEK

### VHS Pro Cam Series Videocassettes

VHS videotape designed for portable video recording. Features 20% stronger cassette shell molded in high impact ABS plastic; heavy duty base film with resistance to damage and stretching; anti-static mechanism that prevents static build-up; safeguard storage case with locking mechanism to keep out dust.

T-120, 2-4-6 hours	\$8.99
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### VHS Pro Hi-Fi Series Videocassettes

VHS videotape designed for Hi-Fi and PCM digital video recording. Features permapass binder system that helps eliminate oxide shedding; anti-static mechanism that prevents static build-up; safeguard storage case.

T-120, 2-4-6 hours	\$8.99
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### VHS Pro High Grade Videocassettes

VHS videotape designed for high chroma output for brilliant life-like color, high S/N for picture clarity. Includes dustproof plastic storage case.

T-120, 2-4-6 hrs	\$6.99
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### VHS High-Standard Videocassettes

VHS videotape designed for general purpose video recording. Features improved tape formulation.

T-120, 2-4-6 hours	\$5.99
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### Beta Standard Videocassettes

Beta videotape for general purpose recording.

L-750, 1.5-3-4.5 hours	\$5.99
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## PANASONIC

### Premium Standard VHS Videotape

General-purpose tape for wide range of uses. Time

shifting; shorter lengths for economical recording; up to 8 hours recording time.

NV-T30 PSD	\$6.00
NV-T60 PSD	\$7.00
NV-T120 PSD	\$9.00
NV-T160 PSD	\$12.50

### Super High-Grade VHS Videotape

Designed for master recording and making home movies.

NV-T60 SHG	\$9.00
NV-T120 SHG	\$12.00

### Super Hi-Fi VHS Videotape

For Hi-Fi video use. Designed for low noise and wide frequency response.

NV-T60 HF	\$10.00
NV-T120 HF	\$13.00

## POLAROID

### VHS Videotape

T-120 Xtra High Grade	\$8.99
VHS-C TC 20 Xtra High Grade	\$7.99
T-120 High Grade	\$6.99
T-120 Supercolor Plus	\$5.99
T-120 Standard	\$5.99

### Beta Videotape

L-750 Standard	\$5.99
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### 8mm Videotape

P6-120	\$10.99
P6-90	\$9.99
P6-60	\$8.99
P6-30	\$7.99

## QUASAR

### VHS Format Videotape

### VF-T120 Hi-Fi Videotape

Hi-Fi videotape designed for extended use. Formulated to deliver high output with low noise. Recommended for mastering Hi-Fi recordings. Video signal-to-noise +3 dB; color signal-to-noise +5 dB; audio sensitivity +1.5 dB; play lengths 2, 4, or 6 hours

	\$7.99
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### VG-T120G Super High-Grade Videotape

High-density particle formulation for improved color saturation and video resolution. Recommended for use in SLP mode or camera recordings. Video signal-to-noise +1 dB; color signal-to-noise +5 dB; audio sensitivity +1 dB; play lengths 2, 4, or 6 hours

	\$6.99
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### VC-T120R SGT Videotape

Recommended for off-air time-shift recordings. Features picture sharpness, color stability, and minimal drop-outs. Video S/N better than +1 dB; color S/N better than 2 dB; audio sensitivity 0.5 dB; play lengths 2, 4, or 6 hours

	\$5.99
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## RCA

### S-VHS Videotape

ST-120, Super VHS videotape	\$19.95
STC-20, Super VHS-C videotape	\$15.95

### VHS Videotape

T-120 SHG, Super-high grade; 2-4-6 hrs	\$8.95
T-120, Premium grade; 2-4-6 hours	\$8.95
TC-20, VHS-C premium grade	\$7.95

## REALISTIC

### VHS Videotape

44-411, T-120 Pro High Grade; 2-4-6 hrs	\$9.99
44-412, T-30 Pro High Grade; 30, 60 and 90 minutes	\$7.99
44-410, T-120 High Grade; 2-4-6 hours	\$7.99
44-400, T-120; 2-4-6 hours	\$5.99

### Beta Videotape

44-480, L-750 High Grade; 1.5-3-4.5 hrs	\$7.99
44-474, L-750; 1.5-3-4.5 hours	\$5.99

### VHS-C Videotape

44-430, TC-20 Super High Grade; 20 min/1 hour	\$6.99
44-431, TC-20 Master High Grade; 20 min/1 hour	\$7.99

## SCOTCH

### S-VHS Videotape

High dispersion ultra-fine magnetic particles. Newly developed twin back coating, improved picture quality and color performance due to diminished friction noise.

T-120	\$19.99
VHS-C	\$9.99

### VHS Videotape

Features Anachron cobalt-encapsulated ferric-oxide particles; video S/N ratio +2.0 dB; color S/N +4.0 dB; audio sensitivity 2.0 dB. T-120, 2-4-6 hours

	\$6.99
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### EG Beta Videotape

Features Anachron cobalt-encapsulated ferric-oxide particles; video signal-to-noise ratio +1.0 dB; color signal-to-noise ratio +1.0 dB; audio sensitivity +1.5 dB; video output 1.0 dB.

L-500, 1-2-3 hours	\$6.49
L-750, 1.5-3-4.5 hours	\$6.99

### EG Plus High-Grade VHS Videotape

Video S/N +3.0 dB; color S/N +5.0 dB; audio sens +1.5 dB; video output +2.0 dB; chroma output +1.0 dB.

T-120 EG Plus, 2-4-6 hours	\$8.49
T-160 EG Plus, 2.6-5.3-8 hours	\$12.39

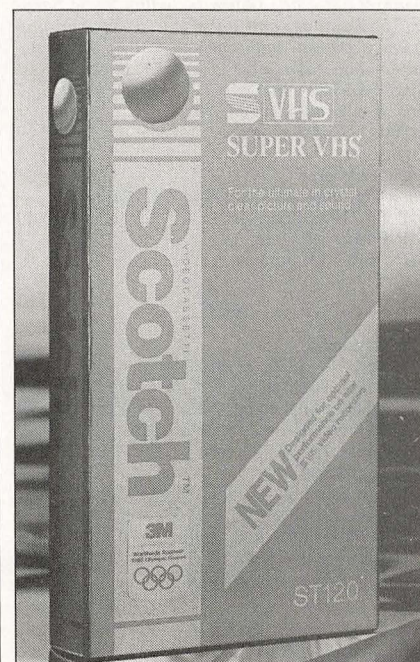
### EG Plus High-Grade Beta Videotape

Video signal-to-noise ratio +2.0 dB; color signal-to-noise ratio 5.0 dB; audio sensitivity +1.5 dB; video output +1.0 dB; chroma output +1.0 dB.

L-830 EG Plus, 1.6-3.3-5 hours	\$11.99
L-750 EG Plus, 1.5-3-4.5 hours	\$8.49

### EXG Videotape

Features extra high grade tape formulation; Static



Scotch S-VHS videotape



# VIDEO TAPE

**Barrier™ backcoating; time left recording gauge; laser scan inspection. Video signal-to-noise ratio +5.5 dB; color signal-to-noise ratio +5.1 dB; audio sensitivity +1.5 dB; RF output +4.0 dB; color output +6.3 dB; audio output uniformity 0.5 dB.**  
**VHS T-120.** 2-4-6 hours .....\$9.99  
**Beta L-750.** 1.5-3-4 hours .....\$9.99

## EXG Pro Videotape

Features extra high grade tape formulation; Static Barrier™ backcoating; proprietary anti-static treatment on cassette shell; anti-static leader tape; high impact cassette shell; virtual elimination of drop-out caused by dirt and transient static peaks.

**T-120.** VHS format. Video signal-to-noise +5.5 dB; color signal-to-noise +5.1 dB; audio sensitivity +1.5 dB; RF output +4.0 dB; color output +6.3 dB; audio output uniformity 0.5 dB; frequency response 20-20,000 Hz. 2-4-6 hours .....\$13.99  
**L-750.** Beta format. Video signal-to-noise +2.5 dB; color signal-to-noise +5.0; audio sensitivity +1.5 dB; RF output +4.5 dB; color output +2.0 dB; audio output uniformity 0.5 dB; frequency response 20-20,000 Hz. ....\$13.99

## EXG Hi-Fi Video Tape

Features extra high grade tape formulation; high quality audio reproduction with Hi-Fi videocassette recorders; Static Barrier™ backcoating. Frequency response 20-20,000 Hz; dynamic range 91 dB; audio sensitivity +1.5 dB; audio output uniformity 0.5 dB; total harmonic distortion 0.3%.

**T-120.** VHS format. Video signal-to-noise +5.5 dB; color signal-to-noise +5.1 dB; RF output 4.0 dB; color output +6.3 dB. 2-4-6 hours .....\$11.29  
**L-750.** Beta format. Video signal-to-noise +2.5 dB; color signal-to-noise +5.0 dB; RF output +4.5 dB; color output +2.0 dB. 1½-3-4½ hrs .....\$11.29

## EXG VHS Camera Cassette

Features anti-static system including Static Barrier™ backcoating, anti-static tape leader and proprietary 3M anti-static shell treatment. Video signal-to-noise ratio +5.5 dB; color signal-to-noise ratio +5.1 dB; audio sens 1.5 dB; RF output +4.0 dB; color output +6.3 dB.

**T-120.** 2-4-6 hours .....\$12.69

## EXG Beta Camera Cassette

Features anti-static system including Static Barrier™ backcoating, anti-static tape leader and proprietary 3M anti-static shell treatment. Video signal-to-noise ratio +5.5 dB; color signal-to-noise ratio +6.3 dB; audio sens 1.5 dB; RF output +4.5 dB; chroma output +2.0 dB.

**L-750.** 1.5-3-4.5 hours .....\$12.69

## 8mm Videotape

8mm videotape with metal-particle format.

**MP P6-120.** 2 hours .....\$11.49

**MP P6-90.** 1.5 hours .....\$9.89

**MP P6-15.** 15 minutes .....\$5.89

## SKC

### VHS Videotape

**T-120 SG.** Standard grade; 2, 4, or 6 hrs ..\$4.99

**T-120 HG.** High grade; 2, 4, or 6 hours ..\$5.99

**T-120 SHG.** Super high grade; 2-4-6 hrs ..\$7.99

**T-120 Hi-Fi.** Hi-Fi; 2, 4, or 6 hours .....\$8.99

**T-120 Pro.** 2, 4, or 6 hours .....\$10.99

### Beta Videotape

**L-750 SG.** Standard grade; 1½-3½-5 hrs ..\$4.99

**L-750 HG.** High grade; 1½, 3½, or 5 hrs ..\$5.99

**L-750 SHG.** Super high grade; 1½-5 hrs ..\$7.99

**L-750 Hi-Fi.** Hi-Fi; 1½, 3½, or 5 hours .....\$8.99

**L-750 Pro.** 1½, 3½, or 5 hours .....\$10.99

## SONY

### 8mm Videotape

Ultra-fine magnetic particles; low-friction back

coating. Video S/N +0.5 dB; color S/N +0.5 dB. Time varies according to tape speed (SP or LP).

**P6-120MP.** 2 or 4 hours .....\$13.99

**P6-90MP.** 1½ or 3 hours .....\$11.99

**P6-60MP.** 1 or 2 hours .....\$9.99

**P6-30MP.** 30 minutes or 1 hour .....\$7.99

**P6-15MP.** 15 or 30 minutes .....\$6.99

### Beta Videotape

Time varies according to tape speed (Beta I, II, or III).

### Beta Pro-X Pro Master Grade Videotape

Super-Precision Vivax particles; wide cassette window. Video S/N +1.0 dB; color S/N +0.5 dB.

**L-500 Pro-XN.** 1, 2, or 3 hours .....\$19.99

**L-250 Pro-XN.** 30, 60, or 90 minutes ....\$14.99

### Beta Dynamicron Super-HiFi Videotape

**L-750 ESX-HiFi.** 1½, 3, or 4½ hours ...\$18.99

**2 L-750 ESX-HiFi.** Two-pack. 1½, 3, or 4½ hours each .....\$37.98

**L-500 ESX-HiFi.** 1, 2, or 3 hours .....\$14.99

### Beta Dynamicron High-Grade Videotape

**L-830 ES-HG.** 1½, 3½, or 5 hours .....\$15.99

**L-750 ES-HG.** 1½, 3, or 4½ hours .....\$12.99

**2 L-750 ES-HG.** Two-pack. 1½, 3, or 4½ hours each .....\$25.98

**L-500 ES-HG.** 1, 2, or 3 hours .....\$11.99

**L-250 ES-HG.** 30, 60, or 90 minutes ....\$10.99

### Beta Dynamicron Videotape

**L-830 ES.** 1½, 3½, or 5 hours .....\$14.99

**L-750 ES.** 1½, 3, or 4½ hours .....\$9.99

**2 L-750 ES.** Two-pack. 1½, 3, or 4½ hours each .....\$19.98

**3 L-750 ES.** Three-pack. 1½, 3, or 4½ hours each .....\$29.97

**5 L-750 ES.** Five-pack with handle. 1½, 3, or 4½ hours each .....\$49.95

**L-500 ES.** 1, 2, or 3 hours .....\$8.99

**L-250 ES.** 30, 60, or 90 minutes .....\$8.49

**L-125 ES.** 15, 30, or 45 minutes .....\$7.99

### VHS Videotape

Time varies according to tape speed (SP, LP, or SLP).

### VHS Pro-X Videotape

Dynamicron Professional master-grade videotape. Video S/N +1.5 dB; color S/N +0.5 dB.

**T-120 Pro-X.** 2, 4, or 6 hours .....\$22.99

### VHS ESX-HiFi Videotape

Dynamicron Super Hi-Fi videotape with Super-Precision Vivax magnetic particles; DDL binder; Pi backcoating. 230,000,000 particles on each square millimeter of tape.

**T-120 ESX-HiFi.** 2, 4, or 6 hours .....\$16.99

**2 T-120 ESX-HiFi.** Two-pack. 2, 4, or 6 hours .....\$33.98

**T-60 ESX-HiFi.** 1, 2, or 3 hours .....\$14.99

### VHS ES-HG Videotape

Dynamicron high-grade videotape with Vivax magnetic particles; DDL binder; Pi backcoating. Video S/N +2.0 dB; color S/N +1.0 dB.

**T-120 ES-HG.** 2, 4, or 6 hours .....\$12.99

**2 T-120 ES-HG.** Two-pack. 2, 4, or 6 hours each .....\$25.98

**T-60 ES-HG.** 1, 2, or 3 hours .....\$11.99

### VHS Dynamicron Videotape

Vivax magnetic particles; DDL binder.

**T-160 ES.** 2½, 5½, or 8 hours .....\$14.99

**T-120 ES.** 2, 4, or 6 hours .....\$9.99

**5 T-120 ES.** Five-pack with handle. 2, 4, or 6 hours each .....\$45.00

**3 T-120 ES.** Three-pack. 2, 4, or 6 hours each .....\$29.97

**2 T-120 ES.** Two-pack. 2, 4, or 6 hours

each .....\$19.98

**T-90 ES.** 1½, 3, or 4½ hours .....\$9.49

**T-60 ES.** 1, 2, or 3 hours .....\$8.99

## TAYLOR

Features ultra-small oxide particles.

### VHS Videotape

**Image Hi-Fi.** T120. 2-4-6 hours .....\$6.95

**Silvercrest H.G.** T120. 2-4-6 hours .....\$5.95

**Casstech H.S.** T120. 2-4-6 hours .....\$4.95

**Astra H.G.** T120. 2-4-6 hours .....\$4.95

### Beta Videotape

**Image Hi-Fi.** L500. 1-2-3 hours .....\$5.95

## TDK

### HD-X Pro Videocassettes

Seven-layer formulation using ultra-fine Super Avilyn formulation. For live camera recording, editing, duplicating, archival use. Clamshell library case.

**VHS T-120.** (2-4-6 hrs) .....\$13.00

**Beta L-750** .....\$13.00

### HD Videocassettes

For critical recording on Hi-Fi VCR's and for PCM digital audio recordings. Uses ultra-refined Super Avilyn particles. TDK's high-density/durability-binder system, ultra-smooth/flat-base film and high-conductivity back coating.

**VHS T-120** .....\$10.50

**Beta L-750** .....\$10.50

### E-HG VHS Videocassettes

Extra-High-Grade Super Avilyn formulation for higher output than standard videocassettes. Designed for improved performance at all speeds, especially in superlong play mode.

**VHS T-160** .....\$11.50

**VHS T-120 EHG.** 2-4-6 hrs .....\$8.50

**VHS T-60EHG** .....\$8.00

### Super Avilyn HS Videocassettes

TDK's High Standard tape with HDD binder system, SQ shell mechanism and superflat film base.

**VHS T-160.** .....\$9.50

**VHS T-120.** .....\$7.00

**VHS T-60.** .....\$6.75

**VHS T-30.** .....\$6.00

**Beta L-750.** .....\$7.00

**Beta L-500.** .....\$6.50

### Super Avilyn Compact Videocassette

Extra high-grade Super Avilyn 0.5" VHS Compact videocassette designed for compact portable VCR's and camcorders. Compatible with all home VHS recorders when used with a special adaptor. Features same improvements as standard-size equivalent.

**TC-20EHG.** 20 min .....\$7.00

**TC-20 HDX P.** 20 min .....\$8.50

### MP 8mm Videocassettes

Feature high-density metal powder "Super Finavix" to meet demands of 8mm recording.

**P6-120MP** .....\$8.50

**P6-90MP** .....\$10.00

**P6-60MP** .....\$8.50

The listings are based on data provided by the manufacturers. For more product information, contact an authorized dealer or the manufacturer directly. Manufacturers' addresses and phone numbers are listed in the directory beginning on page 121.



# AUDIO/VIDEO SYSTEMS



## FISHER

### Video Tech MK-30 A/V System

*A/V system consisting of a 40-inch projection monitor, VHS Hi-Fi VCR, computer control center/remote control, integrated amplifier, compact disc player, double autoreverse cassette deck, turntable, AM/FM tuner, equalizer, 3-way floor-standing speakers, and system cabinet. . . . . \$5,700*

**PT-800A.** 40" projection TV; see projection TV section.

**FVH-990.** VHS Hi-Fi VCR; see VCR section.

**CB-420B/RAV-420.** The computer control center, with a 120-button wireless remote, controls the operation and interaction of all components as well as a variety of on-screen programming and information functions. The control center operates all audio, TV, and VCR functions, the message center, the phone directory, the calendar, and the audio spectrum display. On-screen displays verify user commands and indicate which components are in use. Other on-screen information includes audio spectrum and status, calendar, and programmable functions display.

**CA-890AB.** 150-W/ch integrated amplifier with built-in parametric equalizer, and twin fluorescent power meters.

**AD-890B.** CD player features sixteen-track programming and skip and scan functions.

**CR-W890B.** Double autoreverse cassette deck features high-speed dubbing; full-logic transport controls; Dolby B and C noise reduction; one-touch dubbing; sequential playback.

**MT-890CB.** Programmable linear-tracking turntable features fully automatic operation; nine-track programming.

**FM-890B.** AM/FM-stereo quartz-PLL tuner features 20 station presets and Autoscans.

**EQ-890B.** 10-band graphic equalizer features separate left and right channel controls and a spectrum analyzer display.

**STV-810.** Floor-standing, bass-reflex speaker features 15-inch woofer and magnetic stray-field compensation.

**RA-801.** Component cabinet features a glass door and casters.

### Video Tech MK-22 A/V System

*A/V system includes a 27-inch monitor/receiver, VHS Hi-Fi VCR, computer control center/remote control, integrated amplifier, compact disc player, double autoreverse cassette deck, turntable, AM/FM tuner, equalizer, 3-way floor-standing speakers, and system cabinet. . . . . \$5,200*

**Monitor/Receiver.** Features 27" square picture tube; MTS stereo tuner; on-screen display. **VCR.** VHS Hi-Fi VCR features MTS tuner; on-screen programming; HQ circuitry; double-azimuth heads; 181-channel tuner; 1-year/8-event programming with daily/weekly function; QTR one-touch recording up to 4 hours; 6 special playback modes including variable slow motion (SP/EP speeds).

**Control Center.** See CB420B, above. **Integrated Amplifier.** 150-W/ch amplifier with built-in parametric EQ; twin power meters.

**Compact Disc Player.** CD player features sixteen-track programming and skip and scan functions.

**Cassette Deck.** Double autoreverse cassette deck features high-speed dubbing; full-logic transport

controls; Dolby B and Dolby C noise reduction; one-touch dubbing; sequential playback.

**Turntable.** Fully automatic linear-tracking turntable features nine-track programming.

**AM/FM Tuner.** 20 station presets; Autoscans.

**Graphic Equalizer.** 10-band graphic equalizer features separate left and right channel controls and a spectrum analyzer display.

**Speakers.** Floor-standing, 3-way, bass-reflex speakers feature 15-inch woofers and magnetic stray-field compensation.

**Cabinet.** Genuine oak-finish cabinet accommodates all audio/video equipment.

### AVS6785 Audio/Video System

*A/V system includes a 27" stereo monitor/receiver; 150 W/ch amplifier; surround-sound processor/amplifier; CD changer; double autoreverse cassette deck; linear-tracking turntable; AM/FM tuner; graphic equalizer; 3-way speakers; surround sound speakers; unified remote control; unified A/V cabinet. . . . . \$4,500*

**CA886AB.** Integrated amplifier features 150 W/ch; 39 remote-controllable functions.

**CAV875B.** Surround-sound amplifier features 30 W/ch amplifier; Dolby surround, concert-hall, stadium, and simulated surround effects; 10, 20, 30, 40, or 50 msec delay time.

**DAC203AB.** 5-disc CD changer features 32-selection programming; random playback; intro-scan.

**CRW886AB.** Double cassette deck features twin autoreverse transports; high-speed dubbing; sequential play; Dolby B/C NR.

**MT886B.** Linear-tracking turntable features fully automatic operation; magnetic cartridge.

**FM886AB.** AM/FM tuner features electronic tuning system with 18 station presets; Autoscans and manual tuning.

**EQ886AB.** 18-band graphic equalizer features 9 bands/channel; lighted controls; fluorescent spectrum analyzer display.

**STV677B.** 3-way speaker features magnetic shielding; 15" woofer; 5" ferrofluid midrange; 3" ferrofluid tweeter; genuine oak-veneer finish.

**WS460.** 2-way ambient speaker system features 6 1/2" woofers; 3" tweeters.

**RAV877.** Unified remote controls audio system, TV, surround sound amplifier, and an optional Fisher VCR.

**RA677.** Pre-assembled genuine oak veneer unified audio/TV cabinet with space for an optional Fisher videocassette recorder; hidden side storage compartments.

### AVS6737 Audio/Video System

*A/V system includes a 26" stereo monitor/receiver; 120 W/ch amplifier; CD changer; double cassette deck; semiautomatic turntable; AM/FM tuner; 3-way speakers; unified remote control; unified A/V cabinet. . . . . \$2,400*

**PC360.** 26-inch monitor/receiver features built-in MTS tuner; audio/video input/output jacks; 181-channel cable-compatible tuning; on-screen display of channel, time, picture, and audio functions; in-line gun-slotted mask black-matrix picture tube; comb filter.

**CA854B.** Integrated amplifier features 5-band graphic equalizer; 120 W/ch from 20-20,000 Hz with no more than 0.09% THD.

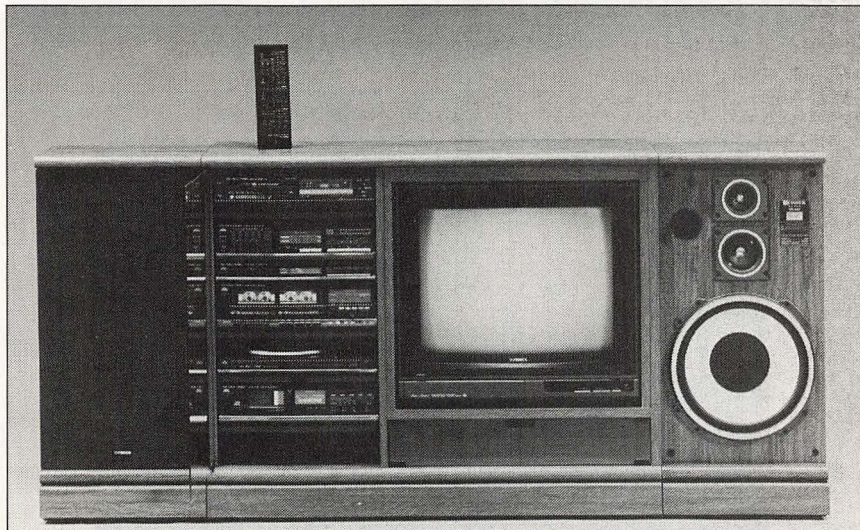
**DAC196B.** 5-disc CD changer features 32-selection programmability; random play; intro-scan; digital filtering.

**CRW854B.** Double cassette deck features Dolby NR; high-speed synchronized one-touch dubbing; sequential play.

**MT854B.** Semiautomatic turntable features straight low-mass tonearm with magnetic cartridge; auto return/shut-off; front-panel cueing control.

**FM854B.** AM/FM tuner features 24-station presets; Autoscans.

**STV667B.** 3-way bass-reflex speaker system with 15" woofer; 4" ferrofluid midrange; 3" ferrofluid tweeter; magnetic-field compensated.



Fisher's AVS6737 has a unified remote control.



# AUDIO/VIDEO SYSTEMS

**RAV877.** Unified remote controls audio system, TV, optional Fisher VCR and surround sound amplifier.

**RA666A.** Unified audio/TV cabinet with space for optional Fisher VCR.

## AVS6716 Audio/Video System

*A/V system includes a 26" stereo monitor/receiver; 100 W/ch AM/FM receiver; double cassette deck; semiautomatic turntable; 3-way speakers; unified remote; unified A/V cabinet. . . . \$1,600*

**PC360.** 26-inch monitor/receiver features built-in MTS tuner; audio/video input/output jacks; 181-channel cable-compatible tuning; on-screen display of channel, time, picture, and audio functions; in-line gun-slotted mask black-matrix picture tube; comb filter.

**RS852B.** AM/FM stereo receiver features 100 W/ch min rms into 8 ohms from 20-20,000 Hz with no more than 0.5% THD; quartz PLL tuning; 24 station presets; built-in 5-band graphic equalizer; 15 remote-controllable audio functions.

**CRW852B.** Double cassette deck features high-speed synchronized one-touch dubbing; sequential play; Dolby NR.

**MT852B.** Semiautomatic turntable features straight low-mass tonearm with magnetic phono cartridge.

**STV666B.** 3-way speaker features 12" woofer; 4" ferrofluid midrange; 3" ferrofluid tweeter; magnetic stray field compensation.

**RAV877.** Unified remote controls audio system, TV, Fisher VCR and surround sound amp.

**RA666A.** Unified audio/video cabinet with space for optional Fisher VCR. Baldwin Oak vinyl-veneer finish.

## GE

### AV8261 Audio/Video System

26" diagonal screen with 100 watt rms audio system. Features CD player; dual cassette deck with Dolby B; graphic EQ with spectrum analyzer; 3-way 12" speakers; VHS Hi-Fi VCR; on-screen programming; video cabinet . . . . \$2,500

### AV8265 Audio/Video System

26" stereo monitor/receiver with 50 watt rms audio system. Features CD player; dual cassette deck with Dolby B; graphic EQ; 3-way 10" speaker system; stereo VCR; on-screen programming; video cabinet . . . . \$2,000

### AV8203 Audio/Video System

20" diagonal MTS television with 30 watt rms audio system. Features dual cassette deck with Dolby B; graphic EQ; 2-way 8" speaker system; vinyl oak video cabinet . . . . \$1,000

## HITACHI

### TVH6712 Audio/Video System

26" monitor/receiver with built-in MTS/SAP. VHS Hi-Fi; HQ; 120-W/ch power amp; CD player; quartz digital synthesized tuner/preamp; dual high-speed dubbing cassette deck with Dolby B/C; fully auto belt-drive turntable; 4-way speaker system; all unit operation infrared remote control; oak and oak-veneer cabinet . . . . \$4,300

**TVH2712.** Same as above with 22" monitor/receiver. . . . \$3,500

**TV2450.** Same as TV6712 except sound system is 50-W/ch tuner/amp with graphic EQ and sur-

round sound, VCR is stereo, monitor/receiver is 22" . . . . \$2,500

## JVC

### Stylistic AV-9850 A/V System

*Remote-controlled audio/video system with integrated amplifier, tuner, CD player, double cassette deck, turntable, three-way speakers, color monitor receiver, videocassette recorder, and component rack. Compu Link unified remote controls equalization, power, preset selection of TV channels or radio stations, turntable start, CD access, input selection, volume, muting, cassette transport, VCR transport, and more . . . . \$4,100*

**AX-R450BK.** Integrated amplifier with 120 watts per channel; SEA seven-band graphic equalizer with five programmed and five user-selectable curves; spectral display; Acoustic Expander stereo synthesizer; drives two pairs of speakers.

**FX-330BK.** Digital-synthesis tuner with sixteen AM and sixteen FM presets; preset scan; automatic presetting; optional cable antenna control unit (VX-100) presets cable FM channels.

**XL-V250BK.** CD player programs fifteen tracks; two-speed search; track skip; digital filtering.

**TD-W330BK.** Double cassette deck copies tapes at twice normal speed; continuous play; Dolby B and Dolby C noise reduction; full logic controls.

**AL-F330BK.** Full automatic belt-drive turntable; automatic disc-size and speed selection; plug-in cartridge.

**SP-7WD.** Three-way passive-radiator speakers with magnetic shielding; 12" woofer, 12" passive radiator, 5" midrange, 2 3/8" tweeter.

**AV-2657S.** Color monitor receiver with MTS/SAP stereo-TV decoder; S-Video inputs; 26" screen; comb filter; 142-channel tuner. See listing in monitor/receiver section.

**HR-D530U.** Videocassette recorder with four heads; HQ; comb filter; VHS Hi-Fi; 181-channel tuner; MTS/SAP decoder; two-week/eight-event timer; on-screen display. See listing in VCR section.

**RK-V7WD.** Component rack with two wide shelves, four narrow shelves, and hinged doors. 48 7/16" wide x 40 3/16" high x 18 1/16" deep.

*AV-GX4R. Same as above system except includes SP-550WD three-way speakers (with four-layer voice coils; fluid magnets; 12" woofer; 12" passive radiator; magnetic shielding) and comes with two separate component racks (RK-V330WD and RK-330WD) . . . . \$3,700*

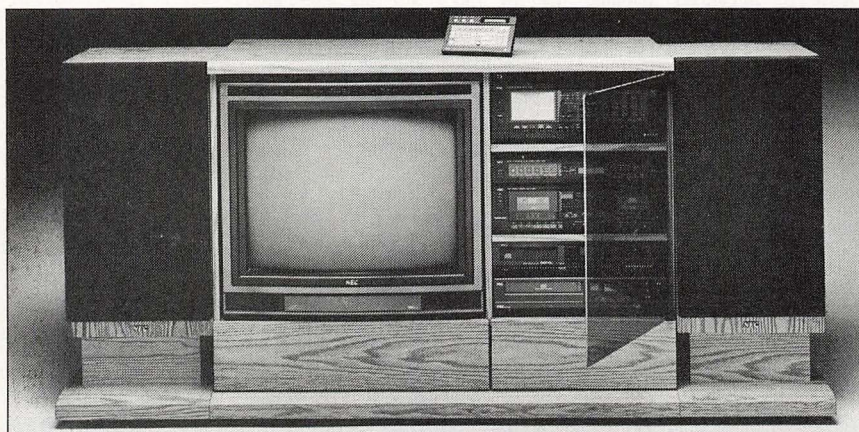
## KENWOOD

### Spectrum 9060AV System

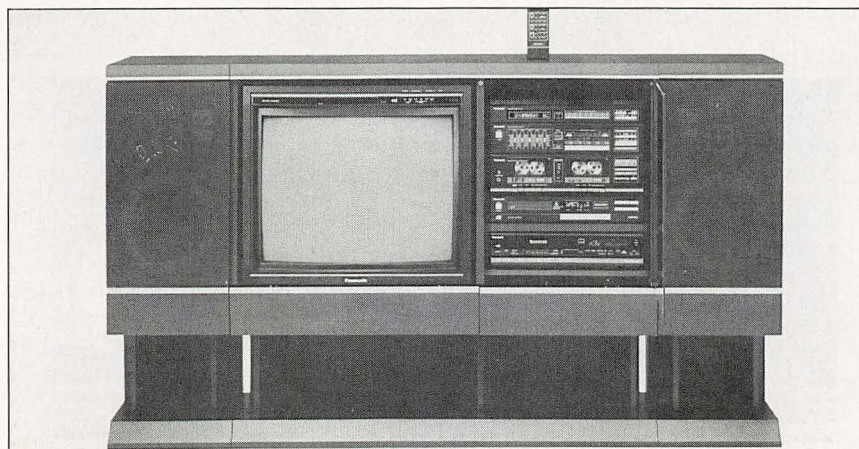
Full-function remote-controlled A/V system. Features JL-9060AV speakers with Dual Tuned Port (DTP) bass energizer configuration; KMT-2026 26" TV monitor/receiver with 560 lines of horizontal resolution; KM-106 power amplifier and KC-206 control amplifier which provide 125 watts of power and a 7-band graphic equalizer; KT-76 AM/FM digital tuner; KX-96W double autoreverse cassette deck capable of recording and playing back two tapes in sequence; DP-760 compact disc player with digital and analog filtering; KD-66 direct drive, linear-tracking turntable; light grain teak cabinet . . . . \$2,999

### Spectrum 7060AV System

Full-function remote-controlled A/V system. Features same power amplifier, control amplifier, and monitor receiver as the 9060AV system; JL-965AV 3-way speakers magnetically shielded for A/V usage; KT-56 synthesized AM/FM tuner with 16 presets and automatic tuning; KX-66CW double cassette deck with Dolby NR and high speed dubbing; DP-560 CD player with double oversampling digital filters; KD-66FCL direct drive, linear tracking turntable . . . . \$2,699



The A-1300E surround-sound amplifier is included with the NEC-ES 2600.



The Panasonic SC-AVS1 has a 26" monitor with a data-grade picture tube.



# AUDIO/VIDEO SYSTEMS

## MARANTZ

### AVDX-132CD Audio/Video System

Features 26" monitor/receiver with MTS/SAP; 4-heads; VHS Hi-Fi; 4-day/21-event timer; 12" 3-way speakers; wireless remote control; 130-W/ch; 5-band graphic EQ, digital tuning with 16 presets; 16-track programmable compact disc player; double cassette deck with Dolby B; belt-drive semi-automatic turntable; oak vinyl finish with glass door .....\$3,500

### VV-212CD Audio/Video System

System features furniture-styled console with wooden doors; 12" 4-way speakers; digital tuner with 16 presets; 5-band equalizer; wireless remote control; belt-drive turntable; dual cassette deck with Dolby B and high-speed dubbing; programmable CD; VHS Hi-Fi with HQ, 110-channel cable-ready tuner, MTS/SAP, and 4-event/21-day timer; 26" monitor with 142-channel cable-ready tuner .....\$3,500

### AVH-1100CD Audio/Video System

26" monitor with MTS/SAP and 142-channel cable compatibility. 100-W/ch amplification; 5-band graphic EQ; digital tuning with 16 presets; 16-track programmable CD player; double cassette deck with Dolby B; belt-drive semiautomatic turntable; 10" 3-way tower speakers; oak vinyl finish with glass door .....\$2,300

### VS-65VR Audio/Video System

System features wedge-shaped cabinet; 12" 3-way speakers; 26" monitor with 142-channel cable-ready tuning, MTS/SAP, wireless remote control; VHS Hi-Fi VCR with HQ, 110-channel cable-ready tuning, MTS/SAP, wireless remote control, and 4-event/21-day programmable timer .....\$2,000

### VS-70VR Audio/Video System

System features furniture-styled console; 8" 2-way speakers; 26" monitor with 142-channel cable-ready tuning, MTS/SAP, and wireless remote control; VHS Hi-Fi VCR with 110-channel cable-ready tuning, MTS stereo, wireless remote control, and 4-event/21-day timer .....\$2,000

## NEC

### ES-2600 Audio/Video System

Audio/video system features CT-2610A 26" stereo monitor/receiver with 400 lines horizontal resolution, on-screen displays and extra monitor inputs and outputs; N-965U VHS Hi-Fi VCR with HQ circuitry and 8-event, 21-day programming; A-1300E surround-sound amp with 50 watts x 4 or 130 watts x 2 power; remote control (works with all current NEC products); T-601E AM/FM tuner with 16 preset stations, automatic scanning and quartz synthesis locking; K-700E dual-cassette deck with Dolby B and C NR, sampling sequence, automatic rewind and play; CD-500E CD player with 20 track random programming and isolated shock and vibration proofing mechanism; VR-500 A/V cabinet; RS-500 12" 3-way video speakers .....\$4,750

## PANASONIC

### SC-AVS1 Audio/Video System

Audio/video system with unified remote control of all audio and video components. System includes: Model CTH-2697RP 26" color monitor/receiver with square-corner data-grade picture tube, cable-ready 155-channel tuner, built-in MTS decoder for stereo broadcasts, and TV audio muting; Model PV-1566 Hi-Fi stereo VHS videocassette recorder with 4 heads, noiseless special effects, HQ circuitry, and 14-day/4-event programmable timer; SG-D45 50-W/ch stereo cassette receiver with double cassette deck, AM/FM

quartz-synthesizer digital tuner, 16 random-access presets, auto scan, auto memory, 5-band graphic equalizer, and Dolby B NR; Model SL-H308U semiautomatic turntable with P-mount cartridge and CD-servo motor; SB-145D 3-way speakers with 10" woofer, 2" tweeter, and horn-type supertweeter; Model SH-145D unified rack. SL-P3620 CD player optional .....\$2,699

## PIONEER

### Syscom X9930AV Audio/Video System

Consists of an integrated amplifier (with unified remote control that operates all Pioneer SR components), tuner, cassette deck, turntable, compact disc changer, dynamic processor, speakers, speaker stands, television, LaserDisc player, video rack, audio rack. System price .....\$4,100

SA-1480. Integrated amplifier with 7-band graphic equalizer and spectrum display; drives two pairs of speakers. Power output 130 W/ch.

TX-1080Z. Quartz-PLL tuner with presets for twenty-four AM and FM stations; auto/manual tuning; external power supply (in SA-1480).

CT-1280W. Double autoreverse cassette deck with logic control; high-speed dubbing; relay play; Dolby B; Dolby C; music search; automatic tape-type selector; remote controlled.

PL-670. Direct-drive fully automatic turntable with Stable Hanging Rotor; polymer-graphite tonearm; automatic disc-size selector; Dynamic Resonance Absorber; P-mount cartridge.

PD-M40. CD changer uses six-disc magazine (included); programs thirty-two tracks; nonrepeating random play; digital filtering; honeycomb chassis; track number display; remote controlled.

EX-9000. Dynamic range expander with three bands (centered at 50, 500, and 5,000 Hz); level indicator; noise-reduction effect; input-level control; tape monitor switch.

CS-V9930. Magnetically shielded four-way bass-reflex speakers with 16" woofer, 5" midrange, 2 1/2" tweeter, 2" tweeter with acoustic diffuser; protection circuit; wood trim sash; walnut finish. Frequency response 32-20,000 Hz; power handling 150 watts maximum (music power); sensitivity 90 dB/SPL/W/m.

CP-E9900. Speaker stands with walnut finish.

SD-2600. Monitor/receiver: See listing under monitor/receivers.

LD-838. Videodisc player: See listing under videodisc players.

RA-E7000. Tall vertical audio equipment rack in walnut vinyl finish with glass door, hinged wood top, wood trim sash, and casters.

RA-E2600. Audio/video rack holds monitor/receiver, two components, software.

### Syscom X9300AV Audio/Video System

Similar to Syscom X9330 except lacks dynamic processor, CD player instead of CD changer, and has different models of some other components.

System price .....\$3,500

SA-1480. Integrated amplifier: See listing above.

TX-1080Z. Tuner: See listing above.

CT-980W. Double cassette deck with high-speed dubbing; relay play; Dolby B; Dolby C; synchro recording; not remote controlled.

PL-570. Belt-drive fully automatic turntable with stable hanging rotor; DC servo motor; low-mass straight tonearm; Dynamic Resonance Absorber; P-mount cartridge.

PD-4050. CD player programs up to sixteen tracks; digital filtering; honeycomb chassis; track number display.

CS-V9930. Speakers: See listing above.

CP-E9900. Speaker stands with walnut finish.

SD-2600. Monitor/receiver: See listing under monitor/receivers.

LD-838. Videodisc player: See listing under videodisc players.

RA-E7000. Audio rack: See listing above.

RA-E2600. Audio/video rack: See listing above.

### Optional Components

VH-900. VHS VCR: See VCR section ....\$999

GR-551. Seven-band-per-channel graphic equalizer with spectrum display for each channel; tape monitor switch. Frequency response 5-50,000 Hz +0/-3 dB; signal-to-noise ratio 106 dB; total harmonic distortion 0.03%. 10 lb, 13 oz .....\$200

GR-470. Seven-band-per-channel graphic equalizer with LED indicators in sliders; center frequencies at 60, 150, 400, 1,000, 2,400, 6,000, 15,000 Hz; maximum boost or cut 15 dB; black finish. Frequency response 5-50,000 Hz +0/-3 dB; signal-to-noise ratio 106 dB. 6 lb, 3 oz .....\$100

## PROTON

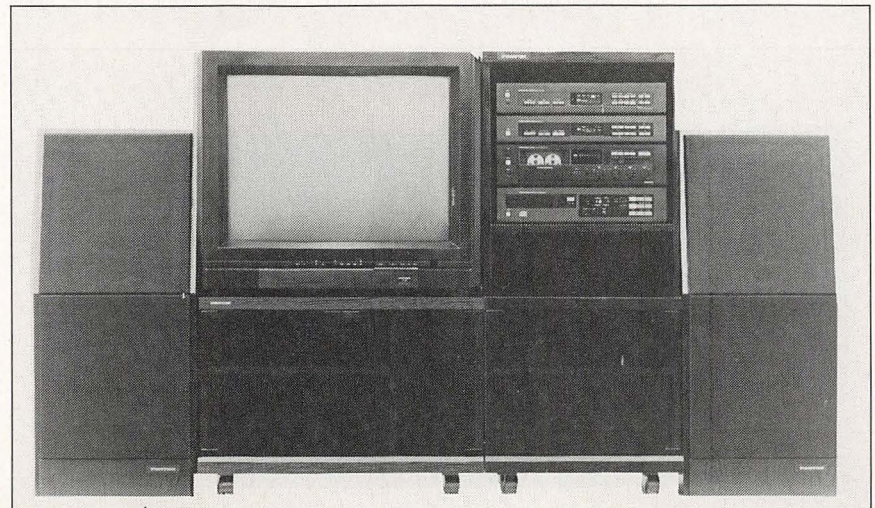
### AV27 Audio/Video System

Features 27" VT-220 stereo monitor/receiver with flat-square-tube screen and matching Proton AL-300 speakers. Audio components include 830R compact disc player, AD-300 cassette player, AT-300 tuner, and AM-300 30-W amp with Dynamic Power on Demand (can boost power up to four times rated output). Housed in R12 black wood rack .....\$3,732

## RCA

### Dimensia Audio/Video System

The Dimensia system is a microprocessor-controlled audio/video system with an integrated wire-



The AM-300 amp in Proton's AV27 boosts output with Dynamic Power on Demand.



# AUDIO/VIDEO SYSTEMS

less remote control that allows system components to interact or operate independently of each other. The Dimensia system offers a variety of components to choose from, allowing users to design their own systems as well as expand or upgrade when desired. The choice of video components includes the VPT695 S-VHS Digital Hi-Fi VCR, the VPT640 S-VHS Hi-Fi VCR, and the VPT630 VHS Hi-Fi VCR (see VCR section), all Dimensia 27-inch stereo monitor/receivers and the DVM2600/2601 26-inch stereo monitor/receiver (see monitor/receiver section), the DVM4000/4001 40-inch projection monitor/receiver (see projection TV section) and the following audio components:

**MSR250.** Dimensia A/V receiver with unified remote control and on-screen status indication when used with Dimensia monitor. Features 5-band graphic equalizer; automatic input selection; remote control volume, mute, direct access and station scan, and power; SystemLink cabling; simultaneous recording and playback; auto status indication; auto switching; electronic volume control; output protection; preset turn-on volume; fluorescent display; muting; quartz-PLL synthesis tuning; auto stereo/mono switching; preset channel scanning; signal processing loop; 4 AC convenience outlets. Amp section: 50 W/ch in 8 ohms both channels driven from 20-20,000 Hz with no more than 0.08% THD; S/N 85 dB; EQ center frequencies at 63, 250, 1,000, 4,000, and 16,000 Hz; EQ range  $\pm 10$  dB. Tuner section: FM sens 12.2 dBf; S/N 73 dB; sel 60 dB; sep 40 dB at 1,000 Hz; capture ratio 1.5 dB; FM FR 30-15,000 Hz.  $14\frac{1}{2}$  x  $4\frac{1}{8}$  x  $13\frac{3}{8}$  in. .... \$429

**MPT200.** Dimensia A/V control center with unified remote control and on-screen status indication when used with Dimensia monitor lets you select inputs from up to 13 Dimensia components and 5 nonsystem components. Features automatic input selection; remote control volume, mute, direct access and station scan, and off/on; SystemLink cabling; simultaneous recording and playback; auto status indication; auto switching; quartz-PLL synthesis tuning; 20-station random tuning memory; preset channel scanning; FM search tuning; electronic volume control; signal processing loop; preset turn-on volume; fluorescent display; muting; bass, treble, and balance controls; 4 AC convenience outlets. Tuner section: FM sens 12.2 dBf; S/N 73 dB (mono); image rejection 45 dB; sel 60 dB; sep 40 dB at 1,000 Hz; capture ratio 1.5 dB; FM FR 30-15,000 Hz.  $14\frac{1}{2}$  x  $4\frac{1}{8}$  x  $13\frac{3}{8}$  in. .... \$349

**MPA120.** 240-watt Dimensia power amplifier with automatic power-on and on-screen volume graphics indication when used with Dimensia monitor. Features fluorescent output display with

peak hold; LED power and overload indicators; quick-connect speaker terminals; display on/off switch; headphone jack; A/B speaker switching; AC convenience outlet. Power output: 120 W/ch into 8 ohms from 20-20,000 Hz with no more than 0.015% THD; signal-to-noise ratio 88 dB.  $14\frac{1}{2}$  x  $4\frac{1}{4}$  x  $13\frac{3}{4}$  in. .... \$399

**MPA100.** 200-watt Dimensia power amplifier with automatic power-on and on-screen volume graphics indication when used with Dimensia monitor. Features quick-connect speaker terminals; headphone jack; A/B speaker switching; AC convenience outlet. Power output: 100 W/ch into 8 ohms from 20-20,000 Hz with no more than 0.015% THD; signal-to-noise ratio 88 dB.  $14\frac{1}{2}$  x  $4\frac{1}{4}$  x  $13\frac{3}{4}$  in. .... \$299

**MCD245.** Compact disc player with Dimensia remote-control operation and on-screen status indication when used with Dimensia monitor. Features 15-track random programming; forward/reverse search for track, index, or scan; repeat; auto switching; system record-protection logic; SystemLink cabling; powered disc loading drawer; directory display panel; independent suspension system; manual function controls; 3-beam laser pick-up. FR 5-20,000 Hz  $\pm 1.0$  dB; signal-to-noise ratio  $>95$  dB; THD 0.005% (at 1,000 Hz); sep 90 dB (at 1,000 Hz); sampling frequency 44.1 kHz.  $14\frac{1}{2}$  x  $3\frac{1}{2}$  x  $10\frac{3}{4}$  in. .... \$299

**MTR225.** Dimensia double cassette deck with remote-control operation and on-screen status indication when used with Dimensia monitor. Features Dolby B & C NR; high-speed dubbing; soft-touch electronic controls; microprocessor control; peak meters; random-access programming; scan-and-play system; automatic tape cueing; auto-tape selection; record-level control. S/N 70 dB (Dolby C), 60 dB (Dolby B); w&f  $<0.07\%$ .  $14\frac{1}{2}$  x  $5\frac{1}{2}$  x  $10\frac{3}{4}$  in. .... \$399

**MT230.** Dimensia turntable with remote-control operation and on-screen status indication when used with Dimensia monitor. Features belt-drive design; P-mount cartridge; programmable track selection; system record-protection logic; auto size and speed selection. S/N 65 dB; w&f less than 0.06%.  $14\frac{1}{2}$  x  $3\frac{1}{2}$  x  $14\frac{1}{4}$  in. .... \$249

**MSP400.** Dimensia surround sound processor with built in amplifier and Dimensia remote operation. Features Dolby Surround; simulated surround; theater surround; stadium surround; front/rear channel volume with mute; loudness; bass boost; sound expansion; line-level center and rear-channel outputs; tape monitor loop; AC convenience outlet. Power output 30 W/ch from 100-6,000 Hz with no more than 3.0% THD; S/N 60 dBA (surround speakers output) .... \$349

**MGE260.** 10-band graphic equalizer features Dimensia system design; automatic power-on; light-

ed slide controls; fluorescent spectrum analyzer display; built-in muting; EQ-bypass switch; power-off bridging; AC convenience outlet. EQ center frequencies: 31.5, 63, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; adjustment range  $\pm 10$  dB. FR 20-20,000 Hz  $\pm 0.5$  dB; S/N  $>100$  dBA; THD  $<0.005\%$ .  $14\frac{1}{2}$  x  $3\frac{1}{2}$  x  $10\frac{3}{4}$  in. .... \$219

**SPK500.** 3-way floor-standing bass-reflex speaker with Zero Magnetic Distortion. Features 11" woofer; 4" carbon midrange; 1" titanium alloy tweeter. FR 28-20,000 Hz; max power 160 W; imp 8 ohms.  $12\frac{3}{4}$  x  $36\frac{1}{2}$  x  $12\frac{1}{2}$  in. .... \$549/pr

**SPK400.** 3-way floor-standing acoustic-suspension speaker with Zero Magnetic Distortion. Features 12" nylon-coated woofer; 4" resin-coated midrange; 1" soft dome tweeter. FR 35-20,000 Hz  $\pm 3$  dB; max input power 120 W rms; imp 8 ohms.  $13\frac{3}{8}$  x  $24\frac{1}{4}$  x  $12\frac{3}{4}$  in. .... \$399/pr

**SPK250.** 2-way acoustic-suspension speaker with Zero Magnetic Distortion. Features 8" polypropylene woofer; 1" soft dome tweeter. FR 45-20,000 Hz  $\pm 3$  dB; max input power 80 W rms; imp 8 ohms.  $9\frac{1}{2}$  x  $15\frac{1}{2}$  x  $9\frac{1}{2}$  in. .... \$269/pr

**SPK050.** Full-range surround-sound speaker with Zero Magnetic Distortion. Features 4" polypropylene cone; pivoting mounting brackets. FR 200-15,000 Hz  $\pm 3$  dB; max input power 50 W rms.  $7\frac{1}{8}$  x  $7\frac{3}{8}$  x 7 in. .... \$149/pr

## REALISTIC

### Model 747 Audio Video System

Audio/video system features TC-1001 19" TV/monitor with stereo; model-43 VHS Hi-Fi VCR with HQ; model-1000 stereo ensemble with wireless remote; model-2200 Compact Disc player; Optimus-1000 speakers; A/V racks .... \$1,999

## SANYO

### AV800 Audio/Video System

Remote-controlled audio/video system with 35" direct-view monitor/receiver. Components include AVM350 35" stereo monitor/receiver with 560-lines of resolution; SA100 surround sound processor; JA760 100 W/ch integrated amplifier; EQ960 10-band graphic equalizer; JT760 AM/FM tuner; CP960 compact disc player; RDW760A double cassette deck; TP960 automatic linear-tracking turntable; RBAV5 unified remote control; AVS800 3-way speakers with 12" woofer, 12" passive radiator, 5" midrange, 3" tweeter; AVF800 system cabinet .... \$5,000

### AV700 Audio/Video System

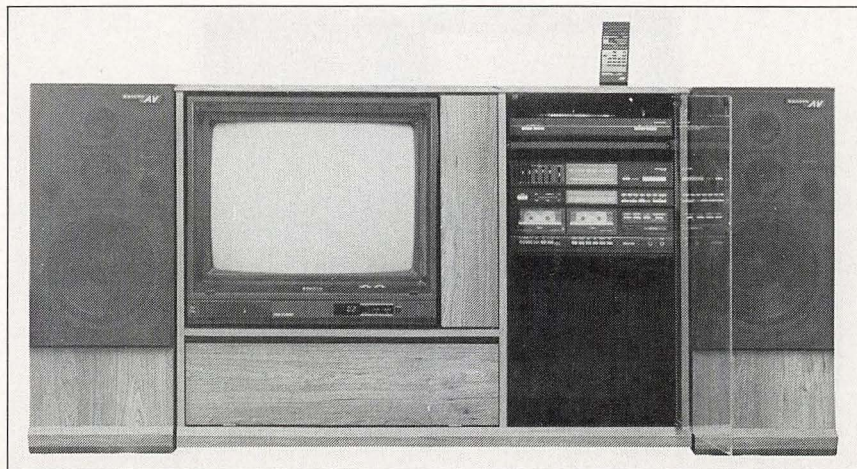
Remote-controlled audio/video system with 40" rear-projection monitor/receiver. Components include PTV40 40" rear projection stereo monitor/receiver; SA100 surround sound processor; JA760 100 W/ch integrated amplifier; EQ960 10-band graphic equalizer; JT760 AM/FM tuner; CP960 compact disc player; RDW760A double cassette deck; TP960 automatic linear-tracking turntable; RBAV6 unified remote control; AVS700 3-way speakers with 12" woofer, 12" passive radiator, 5" midrange, 3" tweeter; AVF700 system cabinet .... \$3,800

### AV650 Audio/Video System

Remote-controlled audio/video system with 26" stereo monitor/receiver. Components include AVM275 26" stereo monitor/receiver; JAV8 150 W/ch integrated amplifier; RBU1 87-function programmable remote control; AVPV8 audio/video processor; CPMV16 10-disc programmable CD changer; RDWV8 double cassette deck; JTV8 AM/FM tuner; TPV8 semiautomatic turntable; EGV8 14-band graphic equalizer; AVS650 4-way speakers; AVF650 system cabinet .... \$3,000

### AV500 Audio/Video System

Remote-controlled audio/video system with 25" monitor/receiver. Components include AVM261



Sanyo's AV280 includes a double cassette deck and a pair of three-way speakers.



# AUDIO/VIDEO SYSTEMS

25" stereo monitor/receiver; JA760 100 W/ch integrated amplifier; JT760 AM/FM tuner; RDW760A double cassette deck; TP760 automatic turntable; RBAV4 unified remote control; AVS500 3-way speakers with 12" woofer, 5" midrange, 3" tweeter; AVF500 oak-finish system cabinet .....\$1,800

## AV400 Audio/Video System

Remote-controlled audio/video system. Components include AVM262 25" remote-control stereo monitor/receiver; JA688 120 W/ch integrated amplifier; EG688 14-band graphic equalizer (7/ch); JT688 AM/FM tuner; RDW688 double cassette deck; TP688 semiautomatic turntable; RC380 unified remote control controls TV and VCR; AVS400 3-way speakers with 12" woofer, 5" midrange, 3" tweeter; AVF300 oak-finish system cabinet .....\$1,600

## AV300 Audio/Video System

Remote-controlled audio/video system. Components include AVM262 25" remote-control stereo monitor/receiver; JA688 120 W/ch integrated amplifier; EG688 14-band graphic equalizer (7/ch); JT688 AM/FM tuner; RDW688 double cassette deck; TP688 semiautomatic turntable; RC380 unified remote control controls TV and any current Sanyo VCR; a pair of AVS300 3-way speakers featuring a 12" woofer, a 5" midrange, and a 3" tweeter; AVF300 oak-finish system cabinet .....\$1,600

## AV280 Audio/Video System

Remote-controlled audio/video system. Components include AVM262 25" remote-control stereo monitor/receiver; DX585 audio system with 50 W/ch amplifier, AM/FM tuner and double cassette deck; TP585 semiautomatic turntable; RBAV7 remote-control transmitter; AVS300 3-way speakers with 12" woofer, 5" midrange, 3" tweeter; same oak-finish system cabinet as above .....\$1,500

## AV250 Audio/Video System

Remote-controlled audio/video system. Components include AVM210 20" stereo monitor/receiver with remote control; DX585 audio system with 50 W/ch amplifier, AM/FM tuner and double cassette deck; TP585 semiautomatic turntable; RBAV3 remote-control transmitter; AVS250 3-way speakers with 10" woofer, 5" midrange, 3" tweeter; AVF250 oak-finish cabinet .....\$1,000

## AV200 Audio/Video System

Remote-controlled audio/video system. Components include AVM210 20" stereo monitor/receiver with remote control; DCX685 AM/FM tuner, 120 W/ch integrated amplifier; RDW685 double cassette deck; TP685 semiautomatic turntable; AVS200 3-way speakers with 12" woofer, 5" midrange, 3" tweeter; AVF200 system cabinet .....\$1,000

## SHARP

### System 96 Audio/Video System

Audio/video system with 26" monitor, video tuner, and two-way speakers .....\$2,295

**26LV96.** Video monitor features 26" flat-square, fine-pitch, Lynitron Plus picture tube with removable tinted glass screen; comb filter; on-screen display of channel, time, sleep timer, time remaining, sound volume level, type of input; video input/monitor output connectors; video controller connection terminal; viewing angle adjustment controls; one-button picture balance control; surface acoustic wave filter (reduces ghosts and phase distortion); high-gloss black cabinet. Horizontal resolution up to 500 lines.

**AN200U.** Video controller with MTS decoder; 30-W/ch amplifier; ambient stereo output jack for surround-sound systems; quartz-synthesized

140-channel cable-compatible tuner; 38-key TV/VCR full-function remote control; channel flash-back; sleep timer; bass, treble, balance controls; external speaker jacks; three A/V inputs and dual outputs; a pair of audio line input jacks; head-phone jack.

**AN96SP.** Speakers feature square, flat 210 cm<sup>2</sup> woofer; 2.9" cone tweeter; magnetic interference prevention system.

## SONY

### XBR Pro Audio/Video System

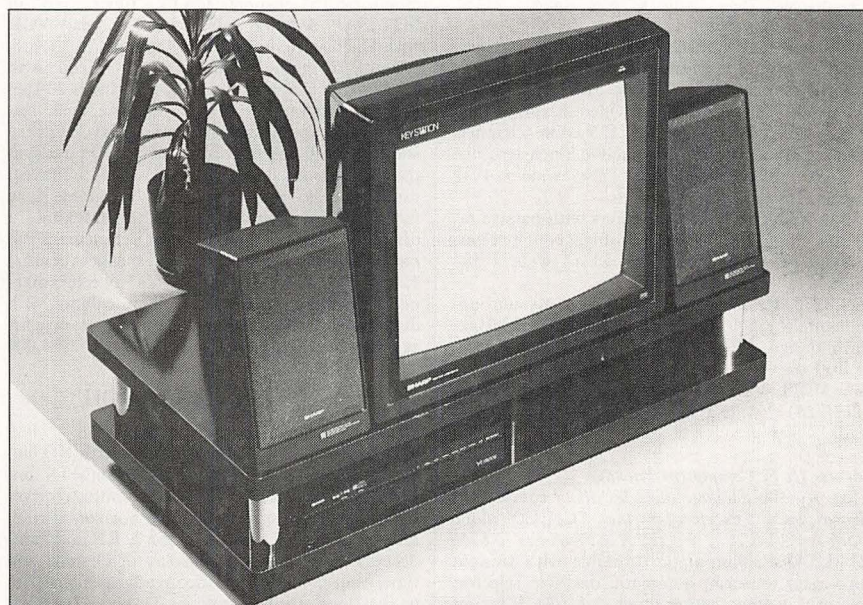
System consists of a video tuner, monitor, and speakers, with an optional stand. Some components are also sold separately. The combined price of the tuner, monitor, and speakers without other components is .....\$2,500

**PVM-2530/B.** Black monitor with 25" Microblack Trinitron picture tube; remote control of muting, input, volume, picture, power; infrared sensor in monitor relays commands to tuner and Sony remote-controlled VCR when connected through Control S jacks; professional video input/output terminals (four BNC to RCA convert

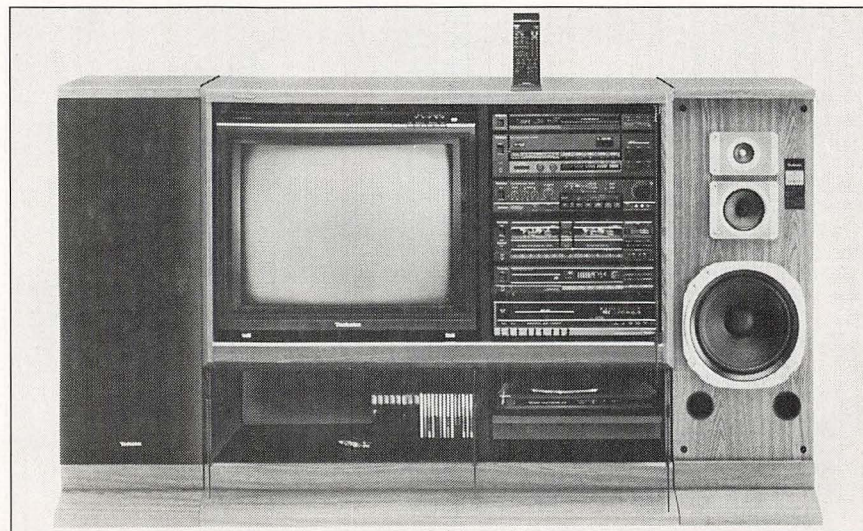
ers supplied; two sets of video and stereo audio inputs and outputs with terminating switches for each; 15-watt-per channel amplifier; analog/digital RGB input; video S inputs for separate Y and C; dynamic color control; notch filter control to soften picture; comb filter with delay; sync on green switch for RGB input; manual degaussing; video/audio loop through to bridge multiple monitors. Horizontal resolution (video line in) 560 lines; deflection angle 100°; 2,000-character display (80 columns x 25 lines) with RGB input. 25 1/16" wide x 20" high x 19 5/16" deep; 116 lb, 8 oz.....\$1,700

**APM-X5A.** Bass-reflex two-way APM speakers that mount to sides of PVM-2350 or stand separately; woofer is 34.6 square inches; tweeter is 3 square inches. Nominal impedance 8 ohms; power handling capacity 15 watts normal, 30 watts maximum. 7.2" wide x 11" high x 3.5" deep; 5 lb, 6 oz.....\$230

**ST-72TV.** 181-channel cable-compatible tuner ready for Pay-TV connection; one set video and stereo audio outputs; Control S in/out; switched AC outlet; comes with cables and connectors. 17" x 2 1/4" x 11 1/8" in. Not sold separately.



Sharp's System 96 channels bass to flat, square woofers.



The Technics AV-700 features a fifty-five-key wireless remote control.



# AUDIO/VIDEO SYSTEMS

**SU-541.** Optional stand with glass doors, one shelf, drawer above door for remote control, and casters. 24 $\frac{3}{4}$ " wide x 21" high x 22" deep; 6 lb, 10 oz .....\$229.95

## KV-27AVR A/V System with Remote

Audio/video console with TV, compact disc player, FM tuner, and 30-watt-per-channel stereo amplifier. Features Matrix Surround Sound; three-position audio effects selector; three simulcast presets; audio and video mixing; Remote Control Express Commander for TV, CD, FM, cassette, and Sony VCR's; high-gloss black and natural wood finish; remote control comes with two AA batteries; external antenna connector supplied. 50 $\frac{1}{16}$ " wide x 32 $\frac{3}{4}$ " high x 20 $\frac{1}{16}$ " deep; 246 lb, 14 oz .....\$2,300

## Access 202 Audio/Video System

System consists of monitor, A/V control center, front speakers, rear speakers, and video cabinet. Other components are optional. System price is .....\$2,300

**KX-M270.** 27" monitor with Microblack picture tube; PanFocus Gun; comb filter; Dynamic Picture Processor; one video input; on-screen channel display. 26 $\frac{3}{4}$ " wide x 24 $\frac{1}{8}$ " high x 21 $\frac{1}{2}$ " deep; 109 lb, 13 oz.

**AVU-360.** A/V control center with 100-watt-per-channel amplifier; MTS/SAP stereo TV decoder; AM/FM stereo tuner; Dolby Surround Sound; simulated stereo; audio and video mixing; cable-compatible video tuner for 125 cable channels and 181 total channels; interactive touch-sensitive LCD remote control; black. 17 $\frac{3}{4}$ " wide x 4 $\frac{1}{4}$ " high x 13 $\frac{5}{8}$ " deep; 20 lb, 8 oz.

**APM-X330.** Three-way speakers with passive radiator; APM woofer and midrange; cone tweeter; matches monitor and stand. 11 $\frac{7}{8}$ " wide x 38" high x 11" deep; 33 lb, 1 oz.

**SS-S270.** Rear speakers for surround-sound applications; single driver in bass-reflex enclosure; horn design. 11 $\frac{7}{8}$ " wide x 6 $\frac{3}{8}$ " high x 5 $\frac{1}{8}$ " deep; 3 lb, 1 oz.

**SU-M270.** Video cabinet for monitor only; one shelf. 26 $\frac{3}{4}$ " wide x 14" high x 22 $\frac{1}{2}$ " deep; 31 lb, 8 oz.

## Access Hi-Fi Component Package

Access audio package includes all of components listed below except for the SU-X330 audio rack .....\$760

**PS-LX430C.** Automatic turntable with straight low-mass tonearm; automatic disc-size selector; damped cueing; feather-touch controls; P-mount

cartridge. 17" wide x 4 $\frac{3}{8}$ " high x 14" deep; 11 lb, 4 oz.

**TC-W530.** Double cassette deck with Dolby B and Dolby C noise reduction; feather-touch controls; high-speed dubbing; liquid crystal display level meter. 17" wide x 5 $\frac{1}{8}$ " high x 10 $\frac{7}{8}$ " deep; 12 lb, 6 oz.

**CDP-45.** Programmable compact disc player locates and plays up to 99 tracks; plays up to twenty tracks in any order; five-way repeat; index search; shuffle play; 3-second auto space; headphone jack with volume control. 17" wide x 3 $\frac{1}{4}$ " high x 11 $\frac{1}{4}$ " deep; 11 lb.

**SU-X330.** Dark Brazilian rosewood rack to match Access 202 monitor and speakers. Features hinged top; full-length glass door; two fixed shelves; one adjustable shelf. 19 $\frac{7}{8}$ " wide x 38" high x 20 $\frac{1}{4}$ " deep; 66 lb, 11 oz .....\$239.95

## TECHNICS

### SC-AV700 Audio/Video System

Complete with rack A/V home system includes 55-key wireless remote control for use with TV, VCR, cassette deck, turntable, tuner, programmable CD player, graphic EQ, and amplifier. 27" monitor; 155-channel CATV tuner; built-in MTS/SAP decoder. VHS-format 4 head VCR with Hi-Fi stereo sound; HQ high-quality picture system. Integrated amp has 110 W/ch with 0.05% THD; compact disc player includes 20-step random programming. Dual cassette deck features high speed editing; series play; synchro start; Dolby B and C noise reduction. Quartz synthesized AM/FM stereo tuner provides 24-channel random-access preset memory. Turntable is a fully automatic belt-drive with linear tracking. 12 dB boost graphic EQ has 7 bands per channel and LED position indicators. 3-way speakers feature 12" woofer; 4 $\frac{3}{4}$ " midrange; 2 $\frac{1}{8}$ " tweeter; magnetic shielding; and anti-resonant cabinet with dual ports. A/V rack features shelves; storage areas; simulated oak finish .....\$4,000

## VECTOR RESEARCH

### VCS-44 Video Component System

System includes V-4040 Hi-Fi VCR with HQ, audio inputs, 4-video heads, 110-channel MTS tuner, headphone jack; VTM-26 monitor/receiver with 26" square screen, 600 line horizontal resolution, inputs for video 1, video 2, RF and cable decoder loop, on-screen display of channel and time, built in amplifier; video-ready speakers with 6  $\frac{1}{2}$ " long throw-woofers; 2" cone tweeters,

magnetically shielded, 10" passive radiators; Cabinet has cam-lock fasteners; a swivel base for the VTM-26, and oak finish .....\$1,899

## YAMAHA

### CS-262 Concert Audio System

Component audio system with a wireless remote control that operates system components. Includes the AV-34 integrated amplifier, the K-32 double cassette deck, the P-30 turntable, the T-32 AM/FM tuner, the EQ-32 graphic equalizer, a pair of NS-A240 speakers, a pair of NS-A34 surround speakers, and the YSR-240 cabinet .....\$1,799  
Options: The YM-965 monitor/receiver, the YV-800 VHS Hi-Fi VCR, and the YVS-1B video stand.

**YM-965.** 26-inch monitor/receiver (see monitor/receiver section) .....\$899

**YV-800.** Four-head Hi-Fi VHS VCR (see VCR section) .....\$729

**AV-34.** Four-channel integrated amplifier with a built-in surround-sound processor. The three surround-sound modes are Dolby Surround, Yamaha natural surround, and simulated surround. Features include inputs for two video sound sources and a record-out jack. 100 W/ch front; 20 W/ch rear.

**K-32.** High-speed double dubbing cassette deck, the K-32 has autoreverse for both transports. Features include Dolby B and Dolby C noise reduction, an automatic tape-bias selector, a music-search function, and soft-touch controls.

**P-30.** Fully automatic belt-drive turntable with a DC-servo motor. Features include an automatic disc-size selector and a front-panel cueing function. A cartridge is also included as part of the system.

**T-32.** A quartz-lock PLL-synthesis AM/FM tuner. Can be preset with sixteen AM and FM stations. Features include a front-panel digital frequency display.

**EQ-32.** Ten-band-per-channel graphic equalizer with a built-in spectrum analyzer.

**NS-A240.** 3-way acoustic-suspension speaker with a 12-inch high-polymer-laminated woofer, a 5-inch polymer-coated midrange, and a 2-inch wide-dispersion ferrofluid-cooled tweeter. Features include an oak-veneer finish.

**NS-A34.** Compact speaker designed for surround applications.

**YSR-240.** Oak-veneer cabinet provides storage space for all system components plus software. Features include a solid oak top and casters.

**YVS-1B.** Video stand designed to support a 27-inch television. Has storage space for a VCR and software. Features include double glass doors and an oiled-oak-veneer finish.

### CS-201 Concert Audio System

Same as CS-262 with K-30 cassette deck, NS-A220 speakers, YSR-220 cabinet, and without the EQ-32 graphic equalizer .....\$1,399.  
Options: The YM-965 monitor/receiver, the YV-800 VHS Hi-Fi VCR, and the YVS-1B video stand.

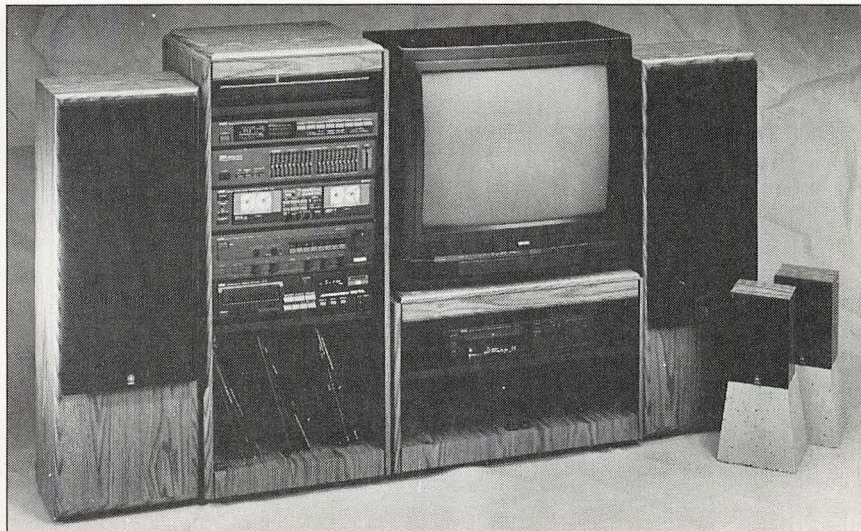
**YM-965.** 26-inch monitor/receiver (see monitor/receiver section) .....\$899

**YV-800.** Four-head Hi-Fi VHS VCR (see VCR section) .....\$729

**K-30.** Double cassette deck dubs tapes at both normal and high speed. Features Dolby B and Dolby C noise reduction, an automatic tape-bias selector, music-search function, soft-touch controls.

**NS-A220.** 3-way acoustic-suspension speaker with a 12-inch high-polymer-laminated woofer, a 5-inch polymer-coated midrange, and a 2-inch wide-dispersion ferrofluid-cooled tweeter. Features oak-vinyl finish.

**YSR-220.** Oak-vinyl cabinet with storage space for all system components plus software; solid oak top and heavy-duty casters.



The YV-800, a four-head VHS Hi-Fi VCR, is available with Yamaha's CS-201.



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## Bib

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# VIDEO GLOSSARY

**AM (amplitude modulation):** A method of adding a signal to the carrier signal by varying the carrier's amplitude; used in broadcasting the picture portion of television signals.

**audio dubbing:** The replacement of the soundtrack originally recorded on a videotape's mono track with another sourced from some type of audio or video component.

**Beta:** A videocassette format developed by Sony in 1975. It uses half-inch tape contained in cassettes that are slightly smaller than VHS videocassettes.

**Betamovie:** The name for first-generation Beta-format camcorders, which use standard Beta cassettes.

**cable-compatible:** A TV or VCR is cable-compatible if it is capable of receiving midband (between VHF channels 6 and 7) and superband (between channels 13 and 14) frequencies when connected to a cable decoder; also called cable-ready.

**camcorder:** A component that combines a video camera with a video recorder. Camcorders are available in every format; the lightest, hand-held models weigh less than 2 pounds, while heavier, shoulder-rest models weigh as much as 7 or 8 pounds.

**carrier:** A high-frequency signal that typically is used to carry additional signals, which are usually isolated from one another to reduce interference.

**CDV (compact disc video):** A medium storing 5 minutes of video with digital audio, plus 20 minutes of digital audio only, on a compact disc.

**channel block:** A feature found on some high-end TV's that allows users

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*by Dawn Gordon*

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to affix security codes to certain channels; typically used by parents to prevent children from viewing "adult" channels. Channels are unblocked using the numeric keypad on the set's wireless remote control.

**channel lock:** A VCR feature that locks in the channel being recorded to prevent channel switching.

**character generator:** A device used to add dates, titles, subtitles, and more to home video recordings. It is available as a built-in feature on some high-end camcorders and as a separate video component, often combined with a video editing console.

**chrominance:** A signal that carries the color information needed for producing a color picture; it is added to the luminance signal.

**comb filter:** A circuit element found in some monitor/receivers, used for improving separation of the luminance and chrominance signals.

**component TV:** A videophile system that consists of separate, high-quality components: a video tuner for receiving and switching channels, a video monitor for displaying received channels, and shielded speakers. Its popularity has waned with the advent of high-quality monitor/receivers.

**convergence:** A specification that rates how well the three scanning electron beams used to produce a color television picture are aligned; misaligned beams degrade the quality of the picture.

**CX (compatible expansion):** A compression-type audio noise-reduction

system used in the manufacture of some laser videodiscs. Loud portions of the soundtrack are encoded softer and soft portions louder; the process is reversed during playback.

**dbx:** In video, the noise-reduction system used by MTS/SAP decoders, which takes the compressed audio signal that is broadcast and expands the signal to its original dynamic range.

**Dolby:** An audio noise-reduction system used on some VCR's to reduce noise on the linear-stereo tracks.

**dropout:** Video noise ranging from horizontal streaks to a momentary absence of the picture; caused by damaged or dirty tapes.

**8mm:** A videocassette format using tape that is 8 mm wide (about 1/4 inch).

**EP (extended play):** See *SLP*.

**field:** One half of a television picture frame; it is scanned at a rate of 60 per second in the American NTSC broadcast system.

**FM (frequency modulation):** A method of adding a signal to the carrier signal by changing the carrier's frequency; used in broadcasting the audio portion of television signals.

**footlamberts:** A unit of measurement used to rate the ability of a projection TV to produce bright, good-quality pictures; measurements are taken at the optimum viewing point. A good rear-projection set will have a rating of 200 to 300 footlamberts; a good front-projection set will have one of 100 to 150 footlamberts.

**frame:** A complete television image consisting of two fields; the American



**NTSC broadcast system** scans 30 frames per second.

**frame advance:** A special-effects feature found on some VCR's, used to scan a tape frame by frame.

**freeze frame:** A special-effects feature found on virtually all VCR's, used to freeze the on-screen action.

**ghosting:** A reception problem caused by tall buildings and other similar obstacles to the TV signal's path; the user's antenna picks up the original signal in addition to duplicates reflected by the obstacles, resulting in multiple images on the TV's screen.

**hi-fi:** First introduced by Sony in 1982 for its Beta VCR's, video hi-fi now refers to that system and the one used by VHS manufacturers. Both Beta Hi-Fi and VHS Hi-Fi produce audio signals with a frequency response of 20 to 20,000 Hz and a dynamic range of 80 to 90-plus dB. Importantly, tape speed is not a factor: Hi-Fi VCR's and camcorders will produce these high-quality signals at any speed.

**horizontal resolution:** A specification that rates the ability of a video system or component to transmit, produce, record, or display a sharply detailed video image. Measured in lines, horizontal resolution is about 240 lines in standard VCR's, about 330 lines in broadcast television, about 430 lines in Super VHS VCR's, and about 600 lines in computer-grade monitor/receivers.

**LaserDisc:** Pioneer's trademark for its videodiscs. (See *videodiscs*.)

**linear stereo:** A method used by many VCR's for the medium-fidelity recording and playback of video soundtracks; it is often accompanied by the Dolby B noise-reduction system.

**LP (long play):** The middle recording speed for VHS-format VCR's, providing average picture quality.

**lumens:** A specification that rates light output; in contrast to footlamberts, it is measured at the source itself.

**luminance:** The part of a broadcast TV signal that causes a TV's circuitry

to vary light intensity from white to black with many shades of gray in between. This signal alone creates the picture on a black-and-white TV set; a color picture is produced when a chrominance signal is added to the luminance signal.

**lux:** A unit of measurement used to rate the amount of light needed by a video camera or camcorder to record a recognizable image; the lower the spec, the better. Although ratings are typically given in the 7- to 15-lux range, most video cameras and camcorders require over 100 lux to produce a good-quality picture.

**macro:** A lens found on most camcorders and video cameras, accessed by pushing a button; used for shooting subjects only a few inches away from the videographer.

**monitor:** A separate video component that houses a picture tube and its accompanying electronics; it must be connected to a video tuner or a VCR in order to display images.

**monitor/receiver:** A video monitor with a built-in video tuner and at

least one speaker; it usually offers RCA-type video inputs and outputs for direct connection to a VCR, videodisc player, and other video-based components, avoiding the need for signal-degrading conversion of standard RF (antenna) signals.

**MTS/SAP (multichannel television sound/separate audio program):** A process used for decoding stereo TV broadcasts (MTS) and an additional, mono audio track (SAP), developed by Zenith and dbx. Some VCR's and TV sets have MTS/SAP decoders built into them; others have MTS/SAP jacks on their back panels for connection of outboard decoders. (See *stereo TV* and *stereo-ready*.)

**noninterlace:** In contrast to interlace scanning, which scans alternate video lines, the noninterlace process scans each video line in sequence; theoretically, it affords a better-looking picture, although pictures produced by existing noninterlace TV's look the same as those produced by interlace-scanning sets.

**NTSC (National Television Standards Committee):** The name for the



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# VIDEO GLOSSARY

**standard television broadcasting system** used in the United States; it produces pictures with 525 scan lines.

**PAL (phase alternation by line):** The name for the television broadcasting system used in parts of Europe; it produces pictures with 625 scan lines.

**programming:** A feature found on all VCR's that allows the user to set an internal timer for unattended recording. A VCR can be set to record from one or several channels and on one or several days; average VCR's can be programmed to record from two to eight shows over a period of seven to twenty-one days, and more expensive VCR's can be programmed using the unit's wireless remote control as instructed by on-screen displays or using light pens or other similar scanning systems.

**projection TV:** Any television that projects video images onto a wall or large screen. The two common types are rear-projection, which shines the image on the back of a screen, and front-projection, which bounces the image off a screen or a wall. Screen sizes range from 3 to 15 feet and more, and projection TV's are now available with all the features found on high-end monitor/receivers.

**RF (radio frequency):** Frequencies over 10,000 hertz.

**RGB (red, green, blue) input:** A special input found only on high-end video monitors and monitor/receivers for direct connection of a personal computer; because it bypasses much of the video component's internal circuitry, it affords horizontal resolution ratings that range from about 400 to about 800 lines.

**SAW (surface acoustic wave) filter:** A device used in TV's and monitor/receivers for eliminating adjacent-channel interference.

**scan:** Also called search, this feature enables a VCR user to fast forward or rewind a videotape with the image visible, although the soundtrack is inaudible. Some VCR's offer variable scan speeds.

**SECAM (système électronique pour couleur avec mémoire):** The name for the standard television broadcasting system used in parts of Europe and other parts of the world; it produces pictures with 625 scan lines.

**simulcast:** Also known as FM simulcast, this VCR feature enables the user to record the audio signals from a connected FM tuner or audio receiver onto a videotape. Due to the growing popularity of components equipped with MTS/SAP decoders and of stereo TV broadcasts, simulcasting is now an infrequently used feature.

**slow motion:** A special-effects feature found on some VCR's that allows users to view images in slow motion without sound. The slow-motion speed is often variable, and it can be used in conjunction with freeze-frame and frame-advance features to locate and study segments of a program.

**SLP (super long play):** The slowest recording speed for VHS VCR's, providing the poorest picture quality; also known as EP (extended play).

**snow:** A type of video noise that typically is viewed on-screen as white specks.

**SP (standard play):** The fastest recording speed for VHS VCR's, providing the best picture quality.

**splitter:** A device that enables the user to split an incoming RF signal and route it to at least two video components.

**stereo-ready:** A VCR or TV is stereo-ready when it has a jack on its back panel for direct connection of a component MTS/SAP decoder.

**stereo TV:** A TV set or monitor/receiver that is capable of receiving and displaying programs with stereo soundtracks; it must have a built-in MTS/SAP decoder plus a stereo amplifier and speakers.

**SuperBeta:** A subformat of the Beta video format that delivers about 300 lines of horizontal resolution; variations, using different circuitry for bet-

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## INDEX TO ADVERTISERS

READER SERVICE No.	PAGE NUMBER
Akai . . . . .	4-5
Akai . . . . .	42-43
57 Azden Corporation . . . . .	103
104 Bose Corporation . . . . .	12-13
101 Chinon America, Inc. . . . .	C2-p.1
Coast Manufacturing Company . . .	C3
Crutchfield Corporation . . . . .	57
Custom Woodwork & Design/CWD . .	63
10 Discwasher . . . . .	55
74 Electronic Wholesalers . . . . .	61
103 JVC Company of America . . . . .	2
102 Minolta-Video Camcorder . . . . .	28
107 NEC Home Electronics-Television .	17
107 NEC Home Electronics-Receiver . .	19
107 NEC Home Electronics-VCR . . . .	25
70 Pioneer Electronics . . . . .	26-27
3 Proton . . . . .	36
Radio Shack . . . . .	35
RCA Direct Marketing . . . . .	33
18 Sherwood Electronics Lab . . . . .	50
66 Teac Corporation of America . . . .	11
52 TDK Electronics Corporation . . . .	C4
Wisconsin Discount Stereo . . . . .	69
105 Zenith Radio Corporation . . . . .	41

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# VIDEO GLOSSARY

ter horizontal resolution, include Super High-Band Beta and ED Beta.

**Super VHS:** A subformat of the VHS video format that delivers between 400 and 450 lines of horizontal resolution; also called S-VHS.

**surround sound:** An audio system that extracts rear-channel information from specially recorded videotapes and discs. Surround-sound systems require a surround-sound decoder—sometimes built into an audio receiver but also available as a separate component—and at least four speakers; a fifth speaker is sometimes installed on top of the TV set for centering dialogue.

**switcher:** A component that enables a user to easily interconnect several video sources in one system.

**time shifting:** The process of recording one TV program while watching another; also, unattended recording.

**UHF (ultrahigh frequency):** Television signals that are located on channels 14 to 88 on typical video tuners.

**VHF (very high frequency):** The standard television signals that are located on channels 2 to 13 on typical video tuners.

**VHS (Video Home System):** A video-cassette format developed by JVC in 1977. It uses half-inch tape contained in cassettes that are slightly larger than Beta cassettes.

**VHS-C:** A subformat of the VHS video format using standard 1/2-inch videotape encased in "compact" mini-cassettes; currently, the format is used only in camcorders.

**VHS HQ:** Circuitry for a subtly enhanced, "high quality" picture included in most new VHS units. There are actually four different types of circuits, although many VHS units, especially less expensive ones, incorporate only two of the four.

**videodisc:** A disc that is read by a laser; current sizes include 8, 10, and 12 inches. (See *CDV*.)

**video dubbing:** The transferring of video images from one video source to another; sources providing the images to be dubbed include camcorders, TV's, and VCR's.

**video heads:** Similar to audio heads in a cassette deck, video heads are used to record and "read" video signals on a videotape. Basic VCR's use two heads; more expensive models have three, four, five, or even six. The extra heads are used to improve the quality of special effects—such as slow motion and freeze-frame—and that of slow-speed recording.

**video input:** A receptacle found on high-quality TV sets and monitor/receivers that affords direct connection of a video source, resulting in the best possible picture quality from that particular combination of components; always located on the set's back panel, although many monitor/receivers include an additional set on their front panels for easy connection of a second component.

**video processor:** A component, also known as a signal processor, generally used to prevent signal loss when dubbing tapes from one VCR or camcorder to a second VCR. Some models can also be used to add special effects to a previously recorded tape.

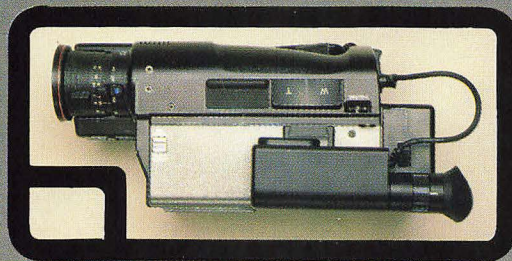
**video S/N (signal-to-noise) ratio:** A specification that rates the amount of video "noise"—"snow" or a generally grainy texture—in a picture. Ratings of 38 to 42 dB are typical; those between 45 and 52 dB are excellent.

**video tuner:** A separate video component that contains all of the circuitry needed to tune television channels; it typically is connected to a video monitor, but it can also be connected to camcorders for recording TV programs when the camcorder is equipped with the necessary input jacks.

**viewfinder:** The part of a camcorder or video camera used to view the subject being shot; electronic viewfinders are superior to the optical kind because they show exactly how the shot will appear upon playback. □



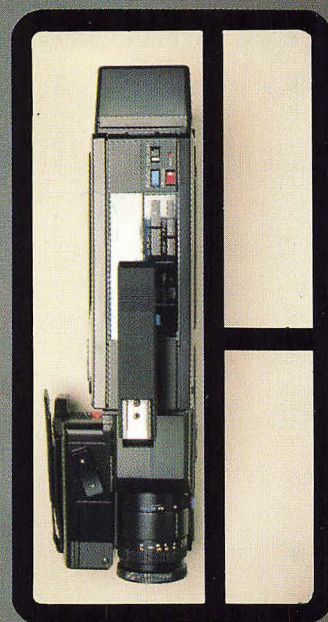
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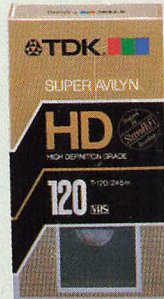
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